give me it with grouped by categories in new system

Here’s the mapping table reorganized and grouped by the **New Category Name** and **New Code** in the new system. The rows are sorted alphabetically by the new category name, and each group lists the corresponding old codes and subcategories. Numbers are assigned sequentially within each group.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **New Code** | **New Category Name** | **Old Code** | **Old Subcategory Name** |
| 1 | 1.04 | Drilling & Boring Machines | 100.3.0 | Bohrmaschinen u. Bohrwerke |
| 2 | 1.06 | EDM Machines | 100.8.0 | Erodiermaschienen |
| 3 | 1.10 | Gear Machining | 100.32.0 | Verzahnungsmaschinen |
| 4 | 1.03 | Grinding Machines | 100.26.0 | Schleifmaschienen |
| 5 | 1.02 | Lathes | 100.5.0 | Drehmachinen |
| 6 | 1.02 | Lathes | 100.35.0 | Zentrier-, Endenbearbeitungsmaschinen |
| 7 | 1.01 | Machining Centers & Milling Machines | 100.1.0 | Bearbeitungszentren |
| 8 | 1.01 | Machining Centers & Milling Machines | 100.10.0 | Fräsmaschinen |
| 9 | 1.13 | Other Metalworking Machines | 100.6.0 | Druckgussmaschienen |
| 10 | 1.13 | Other Metalworking Machines | 100.7.0 | Drückmaschienen |
| 11 | 1.13 | Other Metalworking Machines | 100.9.0 | Fensterbaumaschinen |
| 12 | 1.13 | Other Metalworking Machines | 100.11.0 | Gewindebearbeitungsmaschinen |
| 13 | 1.13 | Other Metalworking Machines | 100.12.0 | Giessereimaschienen |
| 14 | 1.13 | Other Metalworking Machines | 100.13.0 | Graviermaschinen |
| 15 | 1.13 | Other Metalworking Machines | 100.14.0 | Hobelmaschienen |
| 16 | 1.13 | Other Metalworking Machines | 100.17.0 | Messmaschienen |
| 17 | 1.13 | Other Metalworking Machines | 100.19.0 | Ofen |
| 18 | 1.13 | Other Metalworking Machines | 100.24.0 | Rohrbearbeitungsmaschinen |
| 19 | 1.13 | Other Metalworking Machines | 100.29.0 | Sonstige Maschienen |
| 20 | 1.13 | Other Metalworking Machines | 100.30.0 | Stoss-, Zieh-, u. Raummachinen |
| 21 | 1.13 | Other Metalworking Machines | 100.31.0 | Transfermaschinen |
| 22 | 1.13 | Other Metalworking Machines | 100.33.0 | Werkzeuge u. Sonstige |
| 23 | 1.13 | Other Metalworking Machines | 100.34.0 | Wuchtmaschienen |
| 24 | 1.09 | Presses | 100.21.0 | Pressen |
| 25 | 1.09 | Presses | 100.27.0 | Schmiedeeinrichtungen |
| 26 | 1.07 | Sawing & Cutting Machines | 100.25.0 | Sägen |
| 27 | 1.05 | Sheet Metal Machinery | 100.2.0 | Blechbearbeitung |
| 28 | 1.05 | Sheet Metal Machinery | 100.22.0 | Profilbearbeitungsmaschinen |
| 29 | 1.05 | Sheet Metal Machinery | 100.23.0 | Richtmaschienen |
| 30 | 1.12 | Surface Treatment | 100.15.0 | Honmaschienen |
| 31 | 1.12 | Surface Treatment | 100.16.0 | Lappmaschienen |
| 32 | 1.12 | Surface Treatment | 100.18.0 | Oberflächentechnik |
| 33 | 1.12 | Surface Treatment | 100.20.0 | Poliermaschinen |
| 34 | 1.12 | Surface Treatment | 100.36.0 | Entgratmaschienen |
| 35 | 1.08 | Welding Equipment | 100.28.0 | Schweißen u. Schneiden |
| 36 | 1.11 | Wire Processing | 100.4.0 | Drahtverarbeitungsmaschinen |

**Observations:**

* **New Category Grouping**: The table is grouped by the "New Code" and "New Category Name," with categories listed alphabetically.
* **Numbering**: Sequential numbers (1–36) are assigned across all rows for easy reference.
* **Dominant Category**: "Other Metalworking Machines" (01.13) is the largest group, containing 15 old subcategories that didn’t fit into more specific new categories.
* **Multiple Mappings**: Some new categories (e.g., "Lathes," "Presses," "Sheet Metal Machinery") consolidate multiple old subcategories.

Let me know if you’d like further adjustments or analysis!

give me all teh machiens from old one , which do no not have match in teh new one

Based on the mapping table you provided, every old subcategory (Old Code and Old Subcategory Name) has a corresponding match in the new system (New Code and New Category Name). There are no machines from the old system that lack a match in the new system. Each of the 36 old subcategories (from 100.1.0 to 100.36.0) is mapped to one of the new categories (01.01 to 01.13).

To confirm:

* The old system has 36 unique subcategories.
* The new system has 13 unique categories.
* All 36 old subcategories are assigned to one of these 13 new categories, with many being grouped into broader categories like "Other Metalworking Machines" (01.13).

**Evidence from the Table:**

Here’s a quick check of the mappings:

* Old codes like 100.1.0 (Bearbeitungszentren) map to 01.01 (Machining Centers & Milling Machines).
* Old codes like 100.6.0 (Druckgussmaschienen) map to 01.13 (Other Metalworking Machines).
* Even niche categories like 100.32.0 (Verzahnungsmaschinen) map to 01.10 (Gear Machining).

No old subcategory is left unmapped. If you suspect there’s an additional old subcategory not listed in your original table that might lack a match, please provide it, and I’ll verify it for you! Otherwise, based on the data given, there are no unmatched machines from the old system.

give me teh list of all such machines

It seems there might be a misunderstanding in your request. Based on the mapping table you provided, there are **no machines from the old system that do not have a match in the new system**. Every old subcategory (Old Code 100.1.0 to 100.36.0) has been assigned a corresponding new category (New Code 01.01 to 01.13).

However, if you meant something different—such as a list of all machines in the old system regardless of matching, or perhaps a list of machines that map to a specific new category (e.g., "Other Metalworking Machines")—please clarify! For now, I’ll assume you’re asking for confirmation of unmatched machines, and since there are none, I’ll explain that and then provide the full list of old machines for reference.

**Confirmation: No Unmatched Machines**

* The old system has 36 subcategories.
* All 36 are mapped to one of the 13 new categories.
* There are no "orphaned" or unmatched old subcategories.

**Full List of Machines from the Old System (for Reference)**

Here’s the complete list of all 36 machines (subcategories) from the old system, as provided in your table, along with their new category mappings:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Old Code** | **Old Subcategory Name** | **New Code** | **New Category Name** |
| 1 | 100.1.0 | Bearbeitungszentren | 1.01 | Machining Centers & Milling Machines |
| 2 | 100.2.0 | Blechbearbeitung | 1.05 | Sheet Metal Machinery |
| 3 | 100.3.0 | Bohrmaschinen u. Bohrwerke | 1.04 | Drilling & Boring Machines |
| 4 | 100.4.0 | Drahtverarbeitungsmaschinen | 1.11 | Wire Processing |
| 5 | 100.5.0 | Drehmachinen | 1.02 | Lathes |
| 6 | 100.6.0 | Druckgussmaschienen | 1.13 | Other Metalworking Machines |
| 7 | 100.7.0 | Drückmaschienen | 1.13 | Other Metalworking Machines |
| 8 | 100.8.0 | Erodiermaschienen | 1.06 | EDM Machines |
| 9 | 100.9.0 | Fensterbaumaschinen | 1.13 | Other Metalworking Machines |
| 10 | 100.10.0 | Fräsmaschinen | 1.01 | Machining Centers & Milling Machines |
| 11 | 100.11.0 | Gewindebearbeitungsmaschinen | 1.13 | Other Metalworking Machines |
| 12 | 100.12.0 | Giessereimaschienen | 1.13 | Other Metalworking Machines |
| 13 | 100.13.0 | Graviermaschinen | 1.13 | Other Metalworking Machines |
| 14 | 100.14.0 | Hobelmaschienen | 1.13 | Other Metalworking Machines |
| 15 | 100.15.0 | Honmaschienen | 1.12 | Surface Treatment |
| 16 | 100.16.0 | Lappmaschienen | 1.12 | Surface Treatment |
| 17 | 100.17.0 | Messmaschienen | 1.13 | Other Metalworking Machines |
| 18 | 100.18.0 | Oberflächentechnik | 1.12 | Surface Treatment |
| 19 | 100.19.0 | Ofen | 1.13 | Other Metalworking Machines |
| 20 | 100.20.0 | Poliermaschinen | 1.12 | Surface Treatment |
| 21 | 100.21.0 | Pressen | 1.09 | Presses |
| 22 | 100.22.0 | Profilbearbeitungsmaschinen | 1.05 | Sheet Metal Machinery |
| 23 | 100.23.0 | Richtmaschienen | 1.05 | Sheet Metal Machinery |
| 24 | 100.24.0 | Rohrbearbeitungsmaschinen | 1.13 | Other Metalworking Machines |
| 25 | 100.25.0 | Sägen | 1.07 | Sawing & Cutting Machines |
| 26 | 100.26.0 | Schleifmaschienen | 1.03 | Grinding Machines |
| 27 | 100.27.0 | Schmiedeeinrichtungen | 1.09 | Presses |
| 28 | 100.28.0 | Schweißen u. Schneiden | 1.08 | Welding Equipment |
| 29 | 100.29.0 | Sonstige Maschienen | 1.13 | Other Metalworking Machines |
| 30 | 100.30.0 | Stoss-, Zieh-, u. Raummachinen | 1.13 | Other Metalworking Machines |
| 31 | 100.31.0 | Transfermaschinen | 1.13 | Other Metalworking Machines |
| 32 | 100.32.0 | Verzahnungsmaschinen | 1.10 | Gear Machining |
| 33 | 100.33.0 | Werkzeuge u. Sonstige | 1.13 | Other Metalworking Machines |
| 34 | 100.34.0 | Wuchtmaschienen | 1.13 | Other Metalworking Machines |
| 35 | 100.35.0 | Zentrier-, Endenbearbeitungsmaschinen | 1.02 | Lathes |
| 36 | 100.36.0 | Entgratmaschienen | 1.12 | Surface Treatment |

**Conclusion**

Since there are no old machines without a match in the new system based on your data, the list above represents all machines from the old system, each with a corresponding new category. If you have additional old subcategories not included in this table that you suspect might be unmatched, please share them, and I’ll identify any discrepancies for you!

give me a listing of the machine from the old categorz which do not find a match in the new szstem or becaome markerd as others

From your request, it seems you want a list of machines from the old categories (Old Subcategory Name) that either:

1. **Do not find a match in the new system** (i.e., are completely unmatched), or
2. **Become marked as "Others"** (i.e., are mapped to the "Other Metalworking Machines" category, New Code 01.13, which is a catch-all group).

Based on the mapping table you provided, there are **no machines from the old system that are completely unmatched**—every old subcategory (100.1.0 to 100.36.0) has a corresponding new category (01.01 to 01.13). However, many old subcategories are mapped to the broad "Other Metalworking Machines" (01.13) category, which could be interpreted as not having a specific, distinct match in the new system.

Thus, I’ll provide a list of all machines from the old system that are mapped to **"Other Metalworking Machines" (01.13)**, as these are effectively "marked as others" rather than assigned to a more specific category.

**Machines from the Old System Marked as "Other Metalworking Machines" (01.13)**

Here’s the filtered list:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Old Code** | **Old Subcategory Name** | **New Code** | **New Category Name** |
| 1 | 100.6.0 | Druckgussmaschienen | 1.13 | Other Metalworking Machines |
| 2 | 100.7.0 | Drückmaschienen | 1.13 | Other Metalworking Machines |
| 3 | 100.9.0 | Fensterbaumaschinen | 1.13 | Other Metalworking Machines |
| 4 | 100.11.0 | Gewindebearbeitungsmaschinen | 1.13 | Other Metalworking Machines |
| 5 | 100.12.0 | Giessereimaschienen | 1.13 | Other Metalworking Machines |
| 6 | 100.13.0 | Graviermaschinen | 1.13 | Other Metalworking Machines |
| 7 | 100.14.0 | Hobelmaschienen | 1.13 | Other Metalworking Machines |
| 8 | 100.17.0 | Messmaschienen | 1.13 | Other Metalworking Machines |
| 9 | 100.19.0 | Ofen | 1.13 | Other Metalworking Machines |
| 10 | 100.24.0 | Rohrbearbeitungsmaschinen | 1.13 | Other Metalworking Machines |
| 11 | 100.29.0 | Sonstige Maschienen | 1.13 | Other Metalworking Machines |
| 12 | 100.30.0 | Stoss-, Zieh-, u. Raummachinen | 1.13 | Other Metalworking Machines |
| 13 | 100.31.0 | Transfermaschinen | 1.13 | Other Metalworking Machines |
| 14 | 100.33.0 | Werkzeuge u. Sonstige | 1.13 | Other Metalworking Machines |
| 15 | 100.34.0 | Wuchtmaschienen | 1.13 | Other Metalworking Machines |

**Summary**

* **Total Count**: 15 old subcategories are mapped to "Other Metalworking Machines" (01.13).
* **Explanation**: These machines do not have a specific, dedicated category in the new system (e.g., Lathes, Presses, or Grinding Machines) and are instead grouped into the miscellaneous "Other Metalworking Machines" category.
* **No Unmatched Machines**: Again, there are no old subcategories that lack any match at all—all are assigned somewhere in the new system.

**Notes**

* The "Other Metalworking Machines" category (01.13) acts as a catch-all for machines that don’t fit neatly into the more specialized new categories.
* If you meant something different by "do not find a match" (e.g., machines missing entirely from the new system rather than being grouped as "Others"), please let me know, and I’ll adjust accordingly! Based on your table, though, this is the most fitting interpretation.

l;ike you did for 300 - metal working , now do it for woodworking machinery section . from. both teh files

categories\_coded\_de.docx

branchen.xlsx

To address your request, I’ll compare the woodworking machinery sections from both documents you provided and identify machines from the old categorization (second document, under field\_id: 300, "Holzbearbeitungsmaschinen" or "Woodworking machines") that either:

1. **Do not find a specific match** in the new system (first document, under Code: 02, "Holzbearbeitungsmaschinen"), or
2. **Become marked as "Others"** (mapped to Code: 02.11, "Sonstige Holzbearbeitungsmaschinen" or "Other woodworking machines") in the new system.

**Step 1: Extract Woodworking Categories**

**Old System (Second Document, field\_id: 300)**

The old system lists 43 subcategories under "Holzbearbeitungsmaschinen" (Woodworking machines):

1. 300.1.0 - Abbundanlagen (Joinery machines)
2. 300.2.0 - Anschläge u. Hilfsmittel (Turnery machinery)
3. 300.3.0 - Bearbeitungszentren (Processing machines)
4. 300.4.0 - Beschneidungsmaschinen (Cutting machines)
5. 300.5.0 - Bohrmaschinen (Drilling machines)
6. 300.6.0 - Bürstmaschinen (Brushing machines)
7. 300.7.0 - Doppelendprofiler (Double end tenoner)
8. 300.8.0 - Drechselautomaten (Woodturning machines)
9. 300.9.0 - Drehmaschinen (Lathes)
10. 300.10.0 - Fensterbaumaschinen (Window production machines)
11. 300.11.0 - Filteranlagen (Filter systems)
12. 300.12.0 - Finiermaschinen (Finest planers)
13. 300.13.0 - Förderanlagen (Conveying machinery)
14. 300.14.0 - Fräsen (Milling)
15. 300.15.0 - Furnierherstellungsmaschinen (Veneer fabrication)
16. 300.16.0 - Hacker (Wood shredder)
17. 300.17.0 - Heizungsanlagen (Heating)
18. 300.18.0 - Hobelmaschinen (Planers)
19. 300.19.0 - Kantenanleimmaschinen (Edge bending machines)
20. 300.20.0 - Keilzinkenanlagen (Finger jointing lines)
21. 300.21.0 - Kombinierte Maschinen (Combined machines)
22. 300.22.0 - Lackieranlagen (Lacquering)
23. 300.23.0 - Leimauftragsmaschinen (Glue coating machines)
24. 300.24.0 - Lüftung u. Absaugung (Dust Extraction)
25. 300.25.0 - Nagler u. Klammergeräte (Staplers and nailers)
26. 300.26.0 - Optimierungsanlagen (Improvement machinery)
27. 300.27.0 - Palettenherstellungsmaschinen (Pallet production)
28. 300.28.0 - Postformingmaschinen (Postforming machines)
29. 300.29.0 - Pressen (Presses)
30. 300.30.0 - Sägen (Saws)
31. 300.31.0 - Sägewerke (Sawmills)
32. 300.32.0 - Schärfmaschinen (Sharpening machines)
33. 300.33.0 - Schleifmaschinen (Sanders)
34. 300.34.0 - Sonstige Maschinen (Other machinery)
35. 300.35.0 - Spanplattenherstellung (Chip tray production)
36. 300.36.0 - Stapel-, Abstapelmaschinen (Destacking device)
37. 300.37.0 - Stemm-Maschinen (Mortisers)
38. 300.38.0 - Strukturiermaschinen (Structuring machines)
39. 300.39.0 - Trockner (Drying)
40. 300.40.0 - Türenherstellungsmaschinen (Door manufacturing machinery)
41. 300.41.0 - Ummantelungsmaschinen (Coating machines)
42. 300.42.0 - Vorschübe (Feed apparatus)
43. 300.43.0 - Zimmereimaschinen (Carpentry machines)

**New System (First Document, Code: 02)**

The new system lists 11 subcategories under "Holzbearbeitungsmaschinen" (Woodworking machines), with further sub-subcategories:

1. 02.01 - Sägen (Saws)
   * 02.01.01 - Kreissägen (Circular saws)
   * 02.01.02 - Bandsägemaschinen (Band saws)
   * 02.01.03 - Plattensägen (Panel saws)
   * 02.01.04 - Gehrungssägen (Miter saws)
   * 02.01.05 - Stichsägen (Jigsaws)
2. 02.02 - Hobelmaschinen und Dickenhobelmaschinen (Planers and thicknessers)
   * 02.02.01 - Abrichthobelmaschinen (Surface planers)
   * 02.02.02 - Dickenhobelmaschinen (Thickness planers)
   * 02.02.03 - Kombinationshobelmaschinen (Combination planers)
3. 02.03 - CNC-Holzbearbeitungsmaschinen (CNC woodworking machines)
   * 02.03.01 - CNC-Fräsmaschinen (CNC milling machines)
   * 02.03.02 - CNC-Bearbeitungszentren (CNC machining centers)
4. 02.04 - Schleifmaschinen (Sanders)
   * 02.04.01 - Gürtel Sanders (Belt sanders)
   * 02.04.02 - Disc Sanders (Disc sanders)
   * 02.04.03 - Breitbandschleifer (Wide belt sanders)
   * 02.04.04 - Edge Sanders (Edge sanders)
5. 02.05 - Bohrmaschinen (Drilling machines)
   * 02.05.01 - Einspindelbohrer (Single spindle drills)
   * 02.05.02 - Mehrspindelbohrer (Multi-spindle drills)
   * 02.05.03 - Dübelbohrer (Dowel drills)
6. 02.06 - Kantenanleimmaschinen (Edge banding machines)
   * 02.06.01 - Manuelle Kantenanleimmaschine (Manual edge banders)
   * 02.06.02 - Automatische Kantenanleimmaschine (Automatic edge banders)
7. 02.07 - Tischlereimaschinen (Joinery machines)
   * 02.07.01 - Stemmmaschinen (Mortisers)
   * 02.07.02 - Zapfenschneidmaschinen (Tenoners)
   * 02.07.03 - Tabelle Router (Table routers)
8. 02.08 - Holzdrehbänke (Wood lathes)
   * 02.08.01 - Manuelle Drehbänke (Manual lathes)
   * 02.08.02 - CNC-Drehmaschinen (CNC lathes)
9. 02.09 - Holzpressen (Wood presses)
   * 02.09.01 - Furnierpressen (Veneer presses)
   * 02.09.02 - Membranpressen (Membrane presses)
10. 02.10 - Entstaubungsanlagen (Dust extraction systems)
11. 02.11 - Sonstige Holzbearbeitungsmaschinen (Other woodworking machines)
    * 02.11.01 - Keilzinkenanlagen (Finger jointing systems)
    * 02.11.02 - Holztrocknungsöfen (Wood drying kilns)

**Step 2: Compare and Identify Matches**

I’ll analyze which old subcategories (300.x.0) map to specific new subcategories (02.xx) and which either lack a specific match or fall into "Other woodworking machines" (02.11).

**Matches to Specific New Categories**

* **300.3.0 - Bearbeitungszentren** → **02.03 - CNC-Holzbearbeitungsmaschinen** (specifically 02.03.02 - CNC-Bearbeitungszentren)
* **300.5.0 - Bohrmaschinen** → **02.05 - Bohrmaschinen**
* **300.9.0 - Drehmaschinen** → **02.08 - Holzdrehbänke**
* **300.14.0 - Fräsen** → **02.03 - CNC-Holzbearbeitungsmaschinen** (specifically 02.03.01 - CNC-Fräsmaschinen)
* **300.18.0 - Hobelmaschinen** → **02.02 - Hobelmaschinen und Dickenhobelmaschinen**
* **300.19.0 - Kantenanleimmaschinen** → **02.06 - Kantenanleimmaschinen**
* **300.20.0 - Keilzinkenanlagen** → **02.11 - Sonstige Holzbearbeitungsmaschinen** (specifically 02.11.01 - Keilzinkenanlagen)
* **300.29.0 - Pressen** → **02.09 - Holzpressen**
* **300.30.0 - Sägen** → **02.01 - Sägen**
* **300.33.0 - Schleifmaschinen** → **02.04 - Schleifmaschinen**
* **300.37.0 - Stemm-Maschinen** → **02.07 - Tischlereimaschinen** (specifically 02.07.01 - Stemmmaschinen)
* **300.39.0 - Trockner** → **02.11 - Sonstige Holzbearbeitungsmaschinen** (specifically 02.11.02 - Holztrocknungsöfen)

**No Specific Match or Marked as "Others" (02.11, excluding specific sub-subcategories)**

These old subcategories either don’t have a direct, specific match in the new system or are broadly categorized under "Other woodworking machines" (02.11) without a precise sub-subcategory:

1. **300.1.0 - Abbundanlagen** (Joinery machines) - No direct match; likely falls under 02.11.
2. **300.2.0 - Anschläge u. Hilfsmittel** (Turnery machinery) - No direct match; likely 02.11.
3. **300.4.0 - Beschneidungsmaschinen** (Cutting machines) - No specific match beyond general saws (02.01); likely 02.11.
4. **300.6.0 - Bürstmaschinen** (Brushing machines) - No direct match; likely 02.11.
5. **300.7.0 - Doppelendprofiler** (Double end tenoner) - No direct match; likely 02.11.
6. **300.8.0 - Drechselautomaten** (Woodturning machines) - Partial match to 02.08, but "automaten" suggests automation not specified; likely 02.11.
7. **300.10.0 - Fensterbaumaschinen** (Window production machines) - No direct match; likely 02.11.
8. **300.11.0 - Filteranlagen** (Filter systems) - Partial match to 02.10 (Entstaubungsanlagen), but broader; likely 02.11.
9. **300.12.0 - Finiermaschinen** (Finest planers) - No direct match; likely 02.11.
10. **300.13.0 - Förderanlagen** (Conveying machinery) - No direct match; likely 02.11.
11. **300.15.0 - Furnierherstellungsmaschinen** (Veneer fabrication) - Partial match to 02.09.01 (Furnierpressen), but broader; likely 02.11.
12. **300.16.0 - Hacker** (Wood shredder) - No direct match; likely 02.11.
13. **300.17.0 - Heizungsanlagen** (Heating) - No direct match; likely 02.11.
14. **300.21.0 - Kombinierte Maschinen** (Combined machines) - No direct match; likely 02.11.
15. **300.22.0 - Lackieranlagen** (Lacquering) - No direct match; likely 02.11.
16. **300.23.0 - Leimauftragsmaschinen** (Glue coating machines) - No direct match; likely 02.11.
17. **300.24.0 - Lüftung u. Absaugung** (Dust Extraction) - Partial match to 02.10, but broader; likely 02.11.
18. **300.25.0 - Nagler u. Klammergeräte** (Staplers and nailers) - No direct match; likely 02.11.
19. **300.26.0 - Optimierungsanlagen** (Improvement machinery) - No direct match; likely 02.11.
20. **300.27.0 - Palettenherstellungsmaschinen** (Pallet production) - No direct match; likely 02.11.
21. **300.28.0 - Postformingmaschinen** (Postforming machines) - No direct match; likely 02.11.
22. **300.31.0 - Sägewerke** (Sawmills) - No direct match beyond 02.01; likely 02.11.
23. **300.32.0 - Schärfmaschinen** (Sharpening machines) - No direct match; likely 02.11.
24. **300.34.0 - Sonstige Maschinen** (Other machinery) - Directly maps to 02.11.
25. **300.35.0 - Spanplattenherstellung** (Chip tray production) - No direct match; likely 02.11.
26. **300.36.0 - Stapel-, Abstapelmaschinen** (Destacking device) - No direct match; likely 02.11.
27. **300.38.0 - Strukturiermaschinen** (Structuring machines) - No direct match; likely 02.11.
28. **300.40.0 - Türenherstellungsmaschinen** (Door manufacturing machinery) - No direct match; likely 02.11.
29. **300.41.0 - Ummantelungsmaschinen** (Coating machines) - No direct match; likely 02.11.
30. **300.42.0 - Vorschübe** (Feed apparatus) - No direct match; likely 02.11.
31. **300.43.0 - Zimmereimaschinen** (Carpentry machines) - Partial match to 02.07, but broader; likely 02.11.

**Step 3: Final List**

Here’s the list of woodworking machines from the old system (300.x.0) that **do not find a specific match** in the new system (beyond a broad "Other" category) or are **marked as "Others"** (02.11):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Old Code** | **Old Subcategory Name** | **New Code (Likely)** | **New Category Name (Likely)** |
| 1 | 300.1.0 | Abbundanlagen | 2.11 | Other woodworking machines |
| 2 | 300.2.0 | Anschläge u. Hilfsmittel | 2.11 | Other woodworking machines |
| 3 | 300.4.0 | Beschneidungsmaschinen | 2.11 | Other woodworking machines |
| 4 | 300.6.0 | Bürstmaschinen | 2.11 | Other woodworking machines |
| 5 | 300.7.0 | Doppelendprofiler | 2.11 | Other woodworking machines |
| 6 | 300.8.0 | Drechselautomaten | 2.11 | Other woodworking machines |
| 7 | 300.10.0 | Fensterbaumaschinen | 2.11 | Other woodworking machines |
| 8 | 300.11.0 | Filteranlagen | 2.11 | Other woodworking machines |
| 9 | 300.12.0 | Finiermaschinen | 2.11 | Other woodworking machines |
| 10 | 300.13.0 | Förderanlagen | 2.11 | Other woodworking machines |
| 11 | 300.15.0 | Furnierherstellungsmaschinen | 2.11 | Other woodworking machines |
| 12 | 300.16.0 | Hacker | 2.11 | Other woodworking machines |
| 13 | 300.17.0 | Heizungsanlagen | 2.11 | Other woodworking machines |
| 14 | 300.21.0 | Kombinierte Maschinen | 2.11 | Other woodworking machines |
| 15 | 300.22.0 | Lackieranlagen | 2.11 | Other woodworking machines |
| 16 | 300.23.0 | Leimauftragsmaschinen | 2.11 | Other woodworking machines |
| 17 | 300.24.0 | Lüftung u. Absaugung | 2.11 | Other woodworking machines |
| 18 | 300.25.0 | Nagler u. Klammergeräte | 2.11 | Other woodworking machines |
| 19 | 300.26.0 | Optimierungsanlagen | 2.11 | Other woodworking machines |
| 20 | 300.27.0 | Palettenherstellungsmaschinen | 2.11 | Other woodworking machines |
| 21 | 300.28.0 | Postformingmaschinen | 2.11 | Other woodworking machines |
| 22 | 300.31.0 | Sägewerke | 2.11 | Other woodworking machines |
| 23 | 300.32.0 | Schärfmaschinen | 2.11 | Other woodworking machines |
| 24 | 300.34.0 | Sonstige Maschinen | 2.11 | Other woodworking machines |
| 25 | 300.35.0 | Spanplattenherstellung | 2.11 | Other woodworking machines |
| 26 | 300.36.0 | Stapel-, Abstapelmaschinen | 2.11 | Other woodworking machines |
| 27 | 300.38.0 | Strukturiermaschinen | 2.11 | Other woodworking machines |
| 28 | 300.40.0 | Türenherstellungsmaschinen | 2.11 | Other woodworking machines |
| 29 | 300.41.0 | Ummantelungsmaschinen | 2.11 | Other woodworking machines |
| 30 | 300.42.0 | Vorschübe | 2.11 | Other woodworking machines |
| 31 | 300.43.0 | Zimmereimaschinen | 2.11 | Other woodworking machines |

**Summary**

* **Total Count**: 31 old subcategories lack a specific match in the new system and are likely grouped under "Other woodworking machines" (02.11).
* **Notes**:
  + The new system is more consolidated, with fewer top-level categories (11 vs. 43 in the old system).
  + Machines like "Keilzinkenanlagen" (300.20.0) and "Trockner" (300.39.0) have specific sub-subcategories (02.11.01 and 02.11.02), so they aren’t included here as they have a precise match.
  + The rest fall into the broad "Other" category due to the lack of corresponding specific categories in the new structure.

Let me know if you need further clarification or adjustments!

give me a json of the final list

Below is the JSON representation of the final list of woodworking machines from the old system (field\_id: 300) that **do not find a specific match** in the new system or are **marked as "Others"** (mapped to 02.11 - Sonstige Holzbearbeitungsmaschinen, excluding those with specific sub-subcategories like Keilzinkenanlagen and Trockner). This is based on the analysis from the previous response.

**JSON Structure**

The JSON includes:

* old\_code: The code from the old system (e.g., 300.1.0).
* old\_subcategory\_name: The name of the subcategory in the old system (in German).
* new\_code: The likely new code in the new system (all mapped to 02.11).
* new\_category\_name: The likely new category name (all "Other woodworking machines").

json

Collapse

Wrap

Copy

[

{

"old\_code": "300.1.0",

"old\_subcategory\_name": "Abbundanlagen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.2.0",

"old\_subcategory\_name": "Anschläge u. Hilfsmittel",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.4.0",

"old\_subcategory\_name": "Beschneidungsmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.6.0",

"old\_subcategory\_name": "Bürstmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.7.0",

"old\_subcategory\_name": "Doppelendprofiler",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.8.0",

"old\_subcategory\_name": "Drechselautomaten",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.10.0",

"old\_subcategory\_name": "Fensterbaumaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.11.0",

"old\_subcategory\_name": "Filteranlagen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.12.0",

"old\_subcategory\_name": "Finiermaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.13.0",

"old\_subcategory\_name": "Förderanlagen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.15.0",

"old\_subcategory\_name": "Furnierherstellungsmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.16.0",

"old\_subcategory\_name": "Hacker",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.17.0",

"old\_subcategory\_name": "Heizungsanlagen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.21.0",

"old\_subcategory\_name": "Kombinierte Maschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.22.0",

"old\_subcategory\_name": "Lackieranlagen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.23.0",

"old\_subcategory\_name": "Leimauftragsmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.24.0",

"old\_subcategory\_name": "Lüftung u. Absaugung",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.25.0",

"old\_subcategory\_name": "Nagler u. Klammergeräte",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.26.0",

"old\_subcategory\_name": "Optimierungsanlagen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.27.0",

"old\_subcategory\_name": "Palettenherstellungsmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.28.0",

"old\_subcategory\_name": "Postformingmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.31.0",

"old\_subcategory\_name": "Sägewerke",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.32.0",

"old\_subcategory\_name": "Schärfmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.34.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.35.0",

"old\_subcategory\_name": "Spanplattenherstellung",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.36.0",

"old\_subcategory\_name": "Stapel-, Abstapelmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.38.0",

"old\_subcategory\_name": "Strukturiermaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.40.0",

"old\_subcategory\_name": "Türenherstellungsmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.41.0",

"old\_subcategory\_name": "Ummantelungsmaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.42.0",

"old\_subcategory\_name": "Vorschübe",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

},

{

"old\_code": "300.43.0",

"old\_subcategory\_name": "Zimmereimaschinen",

"new\_code": "02.11",

"new\_category\_name": "Other woodworking machines"

}

]

**Notes**

* This JSON includes all 31 items from the final list in the previous response.
* Each entry assumes a mapping to 02.11 ("Other woodworking machines") since these old subcategories lack a specific, dedicated match in the new system's structure beyond the catch-all "Others" category.
* Excluded from this list are old subcategories like 300.20.0 - Keilzinkenanlagen and 300.39.0 - Trockner, as they map directly to 02.11.01 and 02.11.02, respectively, and thus have specific matches.

Let me know if you’d like this JSON modified (e.g., adding translations, changing the structure, or including additional fields)!

now do it for next code id . - id 400

For this task, I’ll compare the **old system** subcategories under field\_id: 400 ("Kunststoffverarbeitung" or "Plastics processing machines") from the second document with the **new system** subcategories under Code: 03 ("Kunststoff- und Gummimaschinen" or "Plastic and rubber machines") from the first document. I’ll identify machines from the old system that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"** (mapped to a generic "Other" category, though the new system under 03 does not explicitly list a "Sonstige" subcategory like in other sections).

**Step 1: Extract Plastics Processing Categories**

**Old System (Second Document, field\_id: 400)**

The old system lists 30 subcategories under "Kunststoffverarbeitung" (Plastics processing machines):

1. 400.1.0 - Abzüge (Take-off units)
2. 400.2.0 - Agglomeratoren (Plastcompactors)
3. 400.3.0 - Aufbereitung u. Recycling (Conditioning and recycling)
4. 400.4.0 - Bearbeitungs-, Verarbeitungs-, u. Folgemaschinen (Processing and follow-on)
5. 400.5.0 - Blasformmaschinen (Blow moulding machinery)
6. 400.6.0 - Druckmaschinen (Printing machinery)
7. 400.7.0 - Extruder u. Extrusionsanlagen (Extruder and extrusion lines)
8. 400.8.0 - Fensterbaumaschinen (Window production machinery)
9. 400.9.0 - Folienbearbeitungsmaschinen (Foil processing machinery)
10. 400.10.0 - Formen u. Werkzeuge (Forms and tools)
11. 400.11.0 - Granulieranlagen (Granulating plants)
12. 400.12.0 - Gummiverarbeitungsmaschinen (Rubber processing machinery)
13. 400.13.0 - Handlinggeräte u. Roboter (Handling equipment and robots)
14. 400.14.0 - Heiz-, u. Kühlgeräte (Heating and cooling units)
15. 400.15.0 - Kalander u. Walzwerke (Calenders and rolling mills)
16. 400.16.0 - Komplette Produktionslinien (Complete production lines)
17. 400.17.0 - Mischer (Mixer)
18. 400.18.0 - Mühlen (Mills)
19. 400.19.0 - Peripheriegeräte (Peripheral equipment)
20. 400.20.0 - Polyurethanverarbeitungsmaschinen (Polyurethane processing machinery)
21. 400.21.0 - Pressen (Presses)
22. 400.22.0 - Qualitätskontrollmaschinen (Quality control machinery)
23. 400.23.0 - Schweissmaschinen (Welding machinery)
24. 400.24.0 - Sonstige Maschinen (Other machinery)
25. 400.25.0 - Spritzgiessmaschinen (Injection moulding machinery)
26. 400.26.0 - Thermoformen (Thermoforming machinery)
27. 400.27.0 - Tiefziehmaschinen (Deep drawing machinery)
28. 400.28.0 - Trockner (Dryer)
29. 400.29.0 - Veredeln, Dekorieren, Drucken, Markieren (Refining, decorating, printing, branding)
30. 400.30.0 - Wickler (Winder)

**New System (First Document, Code: 03)**

The new system lists 9 subcategories under "Kunststoff- und Gummimaschinen" (Plastic and rubber machines), with sub-subcategories:

1. 03.01 - Spritzgießmaschinen (Injection molding machines)
   * 03.01.01 - Horizontal-Spritzgießmaschinen (Horizontal injection molding machines)
   * 03.01.02 - Vertikale Spritzgießmaschinen (Vertical injection molding machines)
   * 03.01.03 - Vollelektrische Spritzgießmaschinen (Fully electric injection molding machines)
2. 03.02 - Extrusionsmaschinen (Extrusion machines)
   * 03.02.01 - Rohrextruder (Pipe extruders)
   * 03.02.02 - Profilextruder (Profile extruders)
   * 03.02.03 - Folienextruder (Film extruders)
   * 03.02.04 - Gummi-Extruder (Rubber extruders)
3. 03.03 - Blasformmaschinen (Blow molding machines)
   * 03.03.01 - Extrusionsblasmaschinen (Extrusion blow molding machines)
   * 03.03.02 - Spritzblasmaschinen (Injection blow molding machines)
   * 03.03.03 - Streckblasmaschinen (Stretch blow molding machines)
4. 03.04 - Tiefziehmaschinen (Thermoforming machines)
   * 03.04.01 - Vakuumformungsmaschinen (Vacuum forming machines)
   * 03.04.02 - Druckumformungsmaschinen (Pressure forming machines)
5. 03.05 - Recycling-Maschinen (Recycling machines)
   * 03.05.01 - Schredder (Shredders)
   * 03.05.02 - Granulatoren (Granulators)
   * 03.05.03 - Pelletierer (Pelletizers)
   * 03.05.04 - Agglomeratoren (Agglomerators)
6. 03.06 - Compounding-Systeme (Compounding systems)
   * 03.06.01 - Kneter (Kneaders)
   * 03.06.02 - Mixer (Mixers)
7. 03.07 - Schaumstoffmaschinen (Foam machines)
   * (No sub-subcategories listed)
8. 03.08 - Kalander (Calenders)
   * (No sub-subcategories listed)
9. 03.09 - Rotationsgießmaschinen (Rotational molding machines)
   * (No sub-subcategories listed)

**Note**: Unlike the woodworking section (Code: 02), the new system for plastics (Code: 03) does not explicitly include a "Sonstige" (Others) subcategory. However, for the purpose of this analysis, I’ll assume any old subcategory without a specific match would fall into an implicit "Others" category if it existed, or simply note it as unmatched.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **400.2.0 - Agglomeratoren** → **03.05 - Recycling-Maschinen** (specifically 03.05.04 - Agglomeratoren)
* **400.3.0 - Aufbereitung u. Recycling** → **03.05 - Recycling-Maschinen** (broadly covers recycling)
* **400.5.0 - Blasformmaschinen** → **03.03 - Blasformmaschinen**
* **400.7.0 - Extruder u. Extrusionsanlagen** → **03.02 - Extrusionsmaschinen**
* **400.11.0 - Granulieranlagen** → **03.05 - Recycling-Maschinen** (specifically 03.05.02 - Granulatoren)
* **400.12.0 - Gummiverarbeitungsmaschinen** → **03.02 - Extrusionsmaschinen** (specifically 03.02.04 - Gummi-Extruder, though broader rubber processing may not fully match)
* **400.15.0 - Kalander u. Walzwerke** → **03.08 - Kalander**
* **400.17.0 - Mischer** → **03.06 - Compounding-Systeme** (specifically 03.06.02 - Mixer)
* **400.25.0 - Spritzgiessmaschinen** → **03.01 - Spritzgießmaschinen**
* **400.26.0 - Thermoformen** → **03.04 - Tiefziehmaschinen** (synonymous with thermoforming)
* **400.27.0 - Tiefziehmaschinen** → **03.04 - Tiefziehmaschinen**

**No Specific Match or Implicitly "Others"**

These old subcategories do not have a direct, specific match in the new system’s categories (03.01 to 03.09). Since there’s no explicit "Others" category (e.g., 03.10), I’ll list them as unmatched or potentially falling into an implicit "Others" group:

1. **400.1.0 - Abzüge** (Take-off units) - No direct match.
2. **400.4.0 - Bearbeitungs-, Verarbeitungs-, u. Folgemaschinen** (Processing and follow-on) - Too broad; no specific match.
3. **400.6.0 - Druckmaschinen** (Printing machinery) - No direct match in plastics processing (possibly belongs elsewhere, e.g., Code: 07).
4. **400.8.0 - Fensterbaumaschinen** (Window production machinery) - No direct match.
5. **400.9.0 - Folienbearbeitungsmaschinen** (Foil processing machinery) - Partial overlap with 03.02.03 (Folienextruder), but broader; no full match.
6. **400.10.0 - Formen u. Werkzeuge** (Forms and tools) - No direct match (accessories, not machines).
7. **400.13.0 - Handlinggeräte u. Roboter** (Handling equipment and robots) - No direct match (possibly fits under Code: 16 - Automatisierung & Robotik).
8. **400.14.0 - Heiz-, u. Kühlgeräte** (Heating and cooling units) - No direct match.
9. **400.16.0 - Komplette Produktionslinien** (Complete production lines) - No direct match (possibly fits under Code: 18).
10. **400.18.0 - Mühlen** (Mills) - No direct match.
11. **400.19.0 - Peripheriegeräte** (Peripheral equipment) - No direct match.
12. **400.20.0 - Polyurethanverarbeitungsmaschinen** (Polyurethane processing machinery) - Partial overlap with 03.07 (Schaumstoffmaschinen), but broader; no full match.
13. **400.21.0 - Pressen** (Presses) - No direct match in plastics context.
14. **400.22.0 - Qualitätskontrollmaschinen** (Quality control machinery) - No direct match.
15. **400.23.0 - Schweissmaschinen** (Welding machinery) - No direct match.
16. **400.24.0 - Sonstige Maschinen** (Other machinery) - No specific match; inherently "Others."
17. **400.28.0 - Trockner** (Dryer) - No direct match.
18. **400.29.0 - Veredeln, Dekorieren, Drucken, Markieren** (Refining, decorating, printing, branding) - No direct match.
19. **400.30.0 - Wickler** (Winder) - No direct match.

**Step 3: Final List and JSON**

Here’s the list of plastics processing machines from the old system (400.x.0) that **do not find a specific match** in the new system (03.xx) or would be implicitly grouped as "Others" if such a category existed. Since there’s no explicit "Others" subcategory under Code: 03, I’ll mark them as "Unmatched" in the JSON.

**JSON Representation**

json

Collapse

Wrap

Copy

[

{

"old\_code": "400.1.0",

"old\_subcategory\_name": "Abzüge",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.4.0",

"old\_subcategory\_name": "Bearbeitungs-, Verarbeitungs-, u. Folgemaschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.6.0",

"old\_subcategory\_name": "Druckmaschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.8.0",

"old\_subcategory\_name": "Fensterbaumaschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.9.0",

"old\_subcategory\_name": "Folienbearbeitungsmaschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.10.0",

"old\_subcategory\_name": "Formen u. Werkzeuge",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.13.0",

"old\_subcategory\_name": "Handlinggeräte u. Roboter",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.14.0",

"old\_subcategory\_name": "Heiz-, u. Kühlgeräte",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.16.0",

"old\_subcategory\_name": "Komplette Produktionslinien",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.18.0",

"old\_subcategory\_name": "Mühlen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.19.0",

"old\_subcategory\_name": "Peripheriegeräte",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.20.0",

"old\_subcategory\_name": "Polyurethanverarbeitungsmaschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.21.0",

"old\_subcategory\_name": "Pressen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.22.0",

"old\_subcategory\_name": "Qualitätskontrollmaschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.23.0",

"old\_subcategory\_name": "Schweissmaschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.24.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.28.0",

"old\_subcategory\_name": "Trockner",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.29.0",

"old\_subcategory\_name": "Veredeln, Dekorieren, Drucken, Markieren",

"new\_code": null,

"new\_category\_name": "Unmatched"

},

{

"old\_code": "400.30.0",

"old\_subcategory\_name": "Wickler",

"new\_code": null,

"new\_category\_name": "Unmatched"

}

]

**Summary**

* **Total Count**: 19 old subcategories lack a specific match in the new system under Code: 03.
* **Notes**:
  + The new system (Code: 03) is more focused and streamlined (9 categories) compared to the old system (30 subcategories), resulting in many old subcategories not having a direct equivalent.
  + Unlike the woodworking section (Code: 02), there’s no explicit "Others" category (e.g., 03.10) in the plastics section. Thus, these are marked as "Unmatched" with new\_code: null.
  + Some subcategories (e.g., "Druckmaschinen," "Handlinggeräte u. Roboter," "Komplette Produktionslinien") might belong to other sections in the new system (e.g., Code: 07, 16, or 18), but within Code: 03, they lack a match.

Let me know if you’d like adjustments to the JSON (e.g., assuming an implicit "Others" category like 03.10) or further analysis!

pleas elkeep in mind to mark it to others if it sis not carted in teh new system , as keeping it unmacthed doesnt make any sense . so please assign it to others sub category .

You're absolutely right—marking items as "Unmatched" when they don’t fit into a specific category in the new system doesn’t align with the practical approach of categorization, especially when we’ve been using an "Others" subcategory (like in previous sections) as a catch-all. Since the new system under Code: 03 ("Kunststoff- und Gummimaschinen") doesn’t explicitly list an "Others" subcategory (e.g., 03.10), I’ll assume an implicit "Others" category exists for consistency with the previous methodology (e.g., 02.11 for woodworking). I’ll assign all unmatched old subcategories from field\_id: 400 to this hypothetical 03.10 - Sonstige Kunststoff- und Gummimaschinen ("Other plastic and rubber machines").

Let’s revise the JSON accordingly.

**Revised Approach**

* For old subcategories (400.x.0) that don’t find a specific match in the new system’s defined categories (03.01 to 03.09), I’ll map them to 03.10 - Other plastic and rubber machines.
* This ensures every old subcategory is accounted for in the new system, mirroring the logic used for woodworking (Code: 02) and metalworking (Code: 01).

**Step 1: Re-evaluate Matches**

From the previous analysis:

**Matches to Specific New Categories**

* **400.2.0 - Agglomeratoren** → **03.05 - Recycling-Maschinen** (specifically 03.05.04)
* **400.3.0 - Aufbereitung u. Recycling** → **03.05 - Recycling-Maschinen**
* **400.5.0 - Blasformmaschinen** → **03.03 - Blasformmaschinen**
* **400.7.0 - Extruder u. Extrusionsanlagen** → **03.02 - Extrusionsmaschinen**
* **400.11.0 - Granulieranlagen** → **03.05 - Recycling-Maschinen** (specifically 03.05.02)
* **400.12.0 - Gummiverarbeitungsmaschinen** → **03.02 - Extrusionsmaschinen** (partially via 03.02.04)
* **400.15.0 - Kalander u. Walzwerke** → **03.08 - Kalander**
* **400.17.0 - Mischer** → **03.06 - Compounding-Systeme** (specifically 03.06.02)
* **400.25.0 - Spritzgiessmaschinen** → **03.01 - Spritzgießmaschinen**
* **400.26.0 - Thermoformen** → **03.04 - Tiefziehmaschinen**
* **400.27.0 - Tiefziehmaschinen** → **03.04 - Tiefziehmaschinen**

**Mapped to "Others" (Hypothetical 03.10)**

The remaining old subcategories that don’t fit into 03.01 to 03.09 will be assigned to 03.10 - Other plastic and rubber machines:

1. 400.1.0 - Abzüge (Take-off units)
2. 400.4.0 - Bearbeitungs-, Verarbeitungs-, u. Folgemaschinen (Processing and follow-on)
3. 400.6.0 - Druckmaschinen (Printing machinery)
4. 400.8.0 - Fensterbaumaschinen (Window production machinery)
5. 400.9.0 - Folienbearbeitungsmaschinen (Foil processing machinery)
6. 400.10.0 - Formen u. Werkzeuge (Forms and tools)
7. 400.13.0 - Handlinggeräte u. Roboter (Handling equipment and robots)
8. 400.14.0 - Heiz-, u. Kühlgeräte (Heating and cooling units)
9. 400.16.0 - Komplette Produktionslinien (Complete production lines)
10. 400.18.0 - Mühlen (Mills)
11. 400.19.0 - Peripheriegeräte (Peripheral equipment)
12. 400.20.0 - Polyurethanverarbeitungsmaschinen (Polyurethane processing machinery)
13. 400.21.0 - Pressen (Presses)
14. 400.22.0 - Qualitätskontrollmaschinen (Quality control machinery)
15. 400.23.0 - Schweissmaschinen (Welding machinery)
16. 400.24.0 - Sonstige Maschinen (Other machinery)
17. 400.28.0 - Trockner (Dryer)
18. 400.29.0 - Veredeln, Dekorieren, Drucken, Markieren (Refining, decorating, printing, branding)
19. 400.30.0 - Wickler (Winder)

**Step 2: Revised JSON**

Here’s the updated JSON for the old subcategories from field\_id: 400 that are mapped to the hypothetical "Others" category (03.10):

json

Collapse

Wrap

Copy

[

{

"old\_code": "400.1.0",

"old\_subcategory\_name": "Abzüge",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.4.0",

"old\_subcategory\_name": "Bearbeitungs-, Verarbeitungs-, u. Folgemaschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.6.0",

"old\_subcategory\_name": "Druckmaschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.8.0",

"old\_subcategory\_name": "Fensterbaumaschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.9.0",

"old\_subcategory\_name": "Folienbearbeitungsmaschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.10.0",

"old\_subcategory\_name": "Formen u. Werkzeuge",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.13.0",

"old\_subcategory\_name": "Handlinggeräte u. Roboter",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.14.0",

"old\_subcategory\_name": "Heiz-, u. Kühlgeräte",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.16.0",

"old\_subcategory\_name": "Komplette Produktionslinien",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.18.0",

"old\_subcategory\_name": "Mühlen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.19.0",

"old\_subcategory\_name": "Peripheriegeräte",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.20.0",

"old\_subcategory\_name": "Polyurethanverarbeitungsmaschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.21.0",

"old\_subcategory\_name": "Pressen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.22.0",

"old\_subcategory\_name": "Qualitätskontrollmaschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.23.0",

"old\_subcategory\_name": "Schweissmaschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.24.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.28.0",

"old\_subcategory\_name": "Trockner",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.29.0",

"old\_subcategory\_name": "Veredeln, Dekorieren, Drucken, Markieren",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

},

{

"old\_code": "400.30.0",

"old\_subcategory\_name": "Wickler",

"new\_code": "03.10",

"new\_category\_name": "Other plastic and rubber machines"

}

]

**Summary**

* **Total Count**: 19 old subcategories are mapped to the hypothetical 03.10 - Other plastic and rubber machines.
* **Notes**:
  + I’ve assigned 03.10 as the "Others" category to maintain consistency with your request and previous examples (e.g., 02.11 for woodworking, 01.13 for metalworking).
  + This approach ensures no subcategory is left "Unmatched," reflecting a practical categorization where unmatched items are grouped under a catch-all "Others" subcategory.
  + If you’d prefer a different code for "Others" or additional refinements (e.g., including partial matches like Polyurethanverarbeitungsmaschinen with 03.07), let me know!

This JSON should now align with your intent. Let me know if you need further adjustments!

please proceed with next id - 500

Let’s proceed with the comparison for the next ID, field\_id: 500 ("Verpackungsmaschinen" or "Packaging machines") from the second document, against the corresponding section in the new system, Code: 06 ("Verpackungsmaschinen" or "Packaging machines") from the first document. I’ll identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 06.

Since Code: 06 in the new system doesn’t explicitly list an "Others" subcategory (like 01.13 or 02.11), I’ll assume an implicit "Others" category (06.08) for unmatched items, consistent with your previous instruction to avoid leaving items "Unmatched."

**Step 1: Extract Packaging Machinery Categories**

**Old System (Second Document, field\_id: 500)**

The old system lists 22 subcategories under "Verpackungsmaschinen" (Packaging machines):

1. 500.1.0 - Abfüllanlagen (Filling technology)
2. 500.2.0 - Abpackmaschinen (Packing machines)
3. 500.3.0 - Absackanlagen (Sagging plants)
4. 500.4.0 - Banderoliermaschinen (Banderoling machines)
5. 500.5.0 - Blisterverpackungsmaschinen (Blister packing machines)
6. 500.6.0 - Endbearbeitungsmaschinen (Finishing machines)
7. 500.7.0 - Etikettieranlagen (Labeling equipment)
8. 500.8.0 - Flachfolienanlagen (Flat foil plants)
9. 500.9.0 - Kartonverpackungsmaschinen (Cardboard packaging)
10. 500.10.0 - Palettieren (Palletising)
11. 500.11.0 - Papierverpackungsmaschinen (Paper wrapping machines)
12. 500.12.0 - Schlauchbeutelmaschinen (Bag forming, filling and sealing machines)
13. 500.13.0 - Schrumpfanlagen (Installation for shrinkage)
14. 500.14.0 - Siegelrandbeutelmaschinen (Sealed pouch manufacturing machines)
15. 500.15.0 - Sonstige Maschinen (Other machinery)
16. 500.16.0 - Steigenaufrichter (Tray and case erectors)
17. 500.17.0 - Tiefziehmaschinen (Deep drawing machine)
18. 500.18.0 - Tubenfüller (Tube filling)
19. 500.19.0 - Umreifungsmaschinen (Strapping machines)
20. 500.20.0 - Verschliessmaschinen (Closing machines)
21. 500.21.0 - Wäge-Füllmaschinen (Weighing and filling machines)
22. 500.22.0 - Wickler (Winder)

**New System (First Document, Code: 06)**

The new system lists 8 subcategories under "Verpackungsmaschinen" (Packaging machines), with sub-subcategories:

1. 06.01 - Abfüllmaschinen (Filling machines)
   * 06.01.01 - Flüssigkeitsabfüllmaschinen (Liquid filling machines)
   * 06.01.02 - Pulverabfüllmaschinen (Powder filling machines)
   * 06.01.03 - Granulat-Abfüllmaschinen (Granulate filling machines)
2. 06.02 - Versiegelungsmaschinen (Sealing machines)
   * 06.02.01 - Heißsiegelgeräte (Heat sealers)
   * 06.02.02 - Induktionsschweißgeräte (Induction sealers)
   * 06.02.03 - Ultraschallschweißgeräte (Ultrasonic sealers)
3. 06.03 - Einwickelmaschinen (Wrapping machines)
   * 06.03.01 - Schrumpffolienverpackungsmaschinen (Shrink wrap machines)
   * 06.03.02 - Stretch Wrapping Maschinen (Stretch wrapping machines)
4. 06.04 - Etikettiermaschinen (Labeling machines)
   * 06.04.01 - Selbstklebe-Etikettierer (Self-adhesive labelers)
   * 06.04.02 - Sleeve-Etikettierer (Sleeve labelers)
5. 06.05 - Kartoniermaschinen (Cartoning machines)
   * 06.05.01 - Horizontal-Kartonierer (Horizontal cartoners)
   * 06.05.02 - Vertikalkartonierer (Vertical cartoners)
6. 06.06 - Palettiermaschinen (Palletizing machines)
   * 06.06.01 - Konventionelle Palettierer (Conventional palletizers)
   * 06.06.02 - Palettierroboter (Palletizing robots)
7. 06.07 - Form-Fill-Seal-Maschinen (Form-Fill-Seal machines)
   * 06.07.01 - Vertikale Form-Fill-Seal (VFFS) (Vertical Form-Fill-Seal)
   * 06.07.02 - Horizontale Form-Fill-Seal (HFFS) (Horizontal Form-Fill-Seal)
8. 06.08 - Blisterverpackungsmaschinen (Blister packaging machines)
   * (No sub-subcategories listed)

**Note**: I’ll assume 06.09 - Sonstige Verpackungsmaschinen ("Other packaging machines") as an implicit "Others" category for unmatched items, following your guidance.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **500.1.0 - Abfüllanlagen** → **06.01 - Abfüllmaschinen**
* **500.5.0 - Blisterverpackungsmaschinen** → **06.08 - Blisterverpackungsmaschinen**
* **500.7.0 - Etikettieranlagen** → **06.04 - Etikettiermaschinen**
* **500.9.0 - Kartonverpackungsmaschinen** → **06.05 - Kartoniermaschinen**
* **500.10.0 - Palettieren** → **06.06 - Palettiermaschinen**
* **500.12.0 - Schlauchbeutelmaschinen** → **06.07 - Form-Fill-Seal-Maschinen** (covers bag forming, filling, and sealing)
* **500.13.0 - Schrumpfanlagen** → **06.03 - Einwickelmaschinen** (specifically 06.03.01 - Schrumpffolienverpackungsmaschinen)
* **500.19.0 - Umreifungsmaschinen** → **06.03 - Einwickelmaschinen** (partially via stretch wrapping, e.g., 06.03.02, though strapping is broader)
* **500.20.0 - Verschliessmaschinen** → **06.02 - Versiegelungsmaschinen**

**Mapped to "Others" (Hypothetical 06.09)**

The following old subcategories don’t have a specific match in 06.01 to 06.08 and will be assigned to the implicit 06.09 - Other packaging machines:

1. **500.2.0 - Abpackmaschinen** (Packing machines) - Too broad; no specific match.
2. **500.3.0 - Absackanlagen** (Sagging plants) - Partial overlap with 06.07, but broader; no full match.
3. **500.4.0 - Banderoliermaschinen** (Banderoling machines) - No direct match.
4. **500.6.0 - Endbearbeitungsmaschinen** (Finishing machines) - No direct match.
5. **500.8.0 - Flachfolienanlagen** (Flat foil plants) - No direct match.
6. **500.11.0 - Papierverpackungsmaschinen** (Paper wrapping machines) - No direct match.
7. **500.14.0 - Siegelrandbeutelmaschinen** (Sealed pouch manufacturing machines) - Partial overlap with 06.07, but distinct; no full match.
8. **500.15.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
9. **500.16.0 - Steigenaufrichter** (Tray and case erectors) - No direct match.
10. **500.17.0 - Tiefziehmaschinen** (Deep drawing machine) - No direct match (distinct from blister or FFS).
11. **500.18.0 - Tubenfüller** (Tube filling) - No direct match.
12. **500.21.0 - Wäge-Füllmaschinen** (Weighing and filling machines) - Partial overlap with 06.01, but broader; no full match.
13. **500.22.0 - Wickler** (Winder) - No direct match.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 500 mapped to the hypothetical "Others" category (06.09):

json

Collapse

Wrap

Copy

[

{

"old\_code": "500.2.0",

"old\_subcategory\_name": "Abpackmaschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.3.0",

"old\_subcategory\_name": "Absackanlagen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.4.0",

"old\_subcategory\_name": "Banderoliermaschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.6.0",

"old\_subcategory\_name": "Endbearbeitungsmaschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.8.0",

"old\_subcategory\_name": "Flachfolienanlagen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.11.0",

"old\_subcategory\_name": "Papierverpackungsmaschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.14.0",

"old\_subcategory\_name": "Siegelrandbeutelmaschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.15.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.16.0",

"old\_subcategory\_name": "Steigenaufrichter",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.17.0",

"old\_subcategory\_name": "Tiefziehmaschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.18.0",

"old\_subcategory\_name": "Tubenfüller",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.21.0",

"old\_subcategory\_name": "Wäge-Füllmaschinen",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

},

{

"old\_code": "500.22.0",

"old\_subcategory\_name": "Wickler",

"new\_code": "06.09",

"new\_category\_name": "Other packaging machines"

}

]

**Summary**

* **Total Count**: 13 old subcategories are mapped to the hypothetical 06.09 - Other packaging machines.
* **Notes**:
  + The new system (Code: 06) has 8 specific categories, while the old system (field\_id: 500) has 22, leading to several unmatched items.
  + I’ve assigned 06.09 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Absackanlagen, Wäge-Füllmaschinen) have partial overlaps with specific categories (e.g., 06.07, 06.01), but their broader scope justifies placement in "Others."

Let me know if you’d like to refine this further or proceed to the next ID (e.g., 550)!

proceed with next id from old system .

Let’s move to the next ID in the old system from the second document, which is field\_id: 550 ("Getränke Abfülltechnik" or "Beverage filling technology"). I’ll compare this with the most relevant section in the new system from the first document. Since the new system doesn’t have a direct equivalent category specifically titled "Beverage filling technology" under a single code, the closest related categories appear under Code: 05 ("Maschinen für die Lebensmittelverarbeitung" or "Food processing machines"), particularly 05.03 - Getränkeherstellung ("Beverage production"), and potentially Code: 06 ("Verpackungsmaschinen" or "Packaging machines"), specifically 06.01 - Abfüllmaschinen ("Filling machines"). I’ll map based on these and assign unmatched items to an "Others" category.

**Step 1: Extract Beverage Filling Technology Categories**

**Old System (Second Document, field\_id: 550)**

The old system lists 5 subcategories under "Getränke Abfülltechnik" (Beverage filling technology):

1. 550.1.0 - Behälterfüllsysteme (Bin filling)
2. 550.2.0 - Flaschenabfüllanlagen (Bottle filling systems)
3. 550.3.0 - Lagersysteme (Storage systems)
4. 550.4.0 - Sonstige Maschinen (Other machinery)
5. 550.5.0 - Weichkartonabfüllung (Carton fillers)

**New System (First Document, Relevant Sections)**

Relevant categories in the new system:

* **Code: 05 - Maschinen für die Lebensmittelverarbeitung** (Food processing machines):
  + 05.03 - Getränkeherstellung (Beverage production)
    - 05.03.01 - Maischebottiche (Mash tuns)
    - 05.03.02 - Gärbehälter (Fermentation tanks)
    - 05.03.03 - Abfüll- und Konservierungsanlagen (Filling and preservation systems)
    - 05.03.04 - Pasteurisierer (Pasteurizers)
* **Code: 06 - Verpackungsmaschinen** (Packaging machines):
  + 06.01 - Abfüllmaschinen (Filling machines)
    - 06.01.01 - Flüssigkeitsabfüllmaschinen (Liquid filling machines)
    - 06.01.02 - Pulverabfüllmaschinen (Powder filling machines)
    - 06.01.03 - Granulat-Abfüllmaschinen (Granulate filling machines)
  + 06.05 - Kartoniermaschinen (Cartoning machines)
    - 06.05.01 - Horizontal-Kartonierer (Horizontal cartoners)
    - 06.05.02 - Vertikalkartonierer (Vertical cartoners)

**Note**: Since field\_id: 550 focuses on beverage filling, 05.03 (Beverage production) is the primary match, with 06.01 (Filling machines) as a secondary consideration for filling-specific equipment. There’s no explicit "Others" subcategory under 05.03 or 06.01, so I’ll assume 05.03.05 - Sonstige Getränkeherstellungsmaschinen ("Other beverage production machines") as an implicit catch-all under Code: 05 for this analysis.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **550.2.0 - Flaschenabfüllanlagen** → **05.03 - Getränkeherstellung** (specifically 05.03.03 - Abfüll- und Konservierungsanlagen) or **06.01 - Abfüllmaschinen** (specifically 06.01.01 - Flüssigkeitsabfüllmaschinen). Since it’s beverage-specific, 05.03.03 is the best fit.
* **550.5.0 - Weichkartonabfüllung** → **06.05 - Kartoniermaschinen** (partially, as it involves carton filling, though beverage-specific; could also fit under 05.03.03 broadly).

**Mapped to "Others" (Hypothetical 05.03.05)**

The following old subcategories don’t have a specific match in 05.03.01 to 05.03.04 or other relevant new categories and will be assigned to the implicit 05.03.05 - Other beverage production machines:

1. **550.1.0 - Behälterfüllsysteme** (Bin filling) - No direct match; broader than bottle filling or carton filling.
2. **550.3.0 - Lagersysteme** (Storage systems) - No direct match in beverage production or filling categories.
3. **550.4.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 550 mapped to the hypothetical "Others" category (05.03.05):

json

Collapse

Wrap

Copy

[

{

"old\_code": "550.1.0",

"old\_subcategory\_name": "Behälterfüllsysteme",

"new\_code": "05.03.05",

"new\_category\_name": "Other beverage production machines"

},

{

"old\_code": "550.3.0",

"old\_subcategory\_name": "Lagersysteme",

"new\_code": "05.03.05",

"new\_category\_name": "Other beverage production machines"

},

{

"old\_code": "550.4.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "05.03.05",

"new\_category\_name": "Other beverage production machines"

}

]

**Summary**

* **Total Count**: 3 old subcategories are mapped to the hypothetical 05.03.05 - Other beverage production machines.
* **Notes**:
  + 550.2.0 - Flaschenabfüllanlagen matches well with 05.03.03 (or 06.01.01), so it’s excluded from "Others."
  + 550.5.0 - Weichkartonabfüllung partially aligns with 06.05 or 05.03.03, but since it’s specific to beverage filling and not explicitly listed, it could arguably fit in "Others." However, I’ve leaned toward a specific match here to avoid over-assignment to "Others."
  + I’ve chosen 05.03.05 as the "Others" category under beverage production (Code: 05) rather than packaging (Code: 06) because field\_id: 550 emphasizes beverage filling technology, aligning more with food processing than general packaging.
  + If you’d prefer mapping to a packaging "Others" (e.g., 06.09), let me know, and I can adjust!

Let me know if this works or if you’d like to proceed to the next ID (e.g., 600)!

please proceed with next id -

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 600 ("Nahrungsmittelmaschinen, Getränke" or "Food processing machines, Beverage"). I’ll compare this with the corresponding section in the new system from the first document, Code: 05 ("Maschinen für die Lebensmittelverarbeitung" or "Food processing machines"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 05.

Since Code: 05 doesn’t explicitly list an "Others" subcategory, I’ll assume 05.09 - Sonstige Lebensmittelverarbeitungsmaschinen ("Other food processing machines") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Food Processing and Beverage Categories**

**Old System (Second Document, field\_id: 600)**

The old system lists 27 subcategories under "Nahrungsmittelmaschinen, Getränke" (Food processing machines, Beverage):

1. 600.1.0 - Bäckereimaschinen (Bakery-, pastry equipment)
2. 600.2.0 - Brauereianlagen (Brewing-, malting equipment)
3. 600.3.0 - Filter (Filter)
4. 600.4.0 - Fischverarbeitungsmaschinen (Fish processing)
5. 600.5.0 - Fleischverarbeitungsmaschinen (Meat processing)
6. 600.6.0 - Getränkemaschinen (Beverage production)
7. 600.7.0 - Getreideverarbeitung (Grain digestion)
8. 600.8.0 - Kaffee-, Tee-, Tabakmaschinen (Coffee, tea, tobacco processing)
9. 600.9.0 - Kartoffelchipsherstellungsmaschinen (Potato chips production)
10. 600.10.0 - Küchentechnik (Kitchen equipment)
11. 600.11.0 - Kühlanlagen (Cooling plants)
12. 600.12.0 - Mischanlagen (Mixing machinery)
13. 600.13.0 - Molkereianlagen (Dairy equipment)
14. 600.14.0 - Mühlen (Mills)
15. 600.15.0 - Obst-, Gemüseverarbeitung (Fruit-, and vegetable processing)
16. 600.16.0 - Pastamaschinen (Pasta processing machinery)
17. 600.17.0 - Räucheranlagen (Food smoking equipment)
18. 600.18.0 - Reinigungstechnik (Cleaning technology)
19. 600.19.0 - Separatoren (Separator)
20. 600.20.0 - Siebanlagen (Sifting plants)
21. 600.21.0 - Sonstige Maschinen (Other machinery)
22. 600.22.0 - Speiseöle u. Fette (Edible oil and margarine)
23. 600.23.0 - Süsswarenmaschinen (Confectionery production)
24. 600.24.0 - Trockner (Dryer)
25. 600.25.0 - Waagen (Scales)
26. 600.26.0 - Pasteurisierer (Pasteurizer)
27. 600.27.0 - Wärmeaustauscher (Heat exchangers)

**New System (First Document, Code: 05)**

The new system lists 8 subcategories under "Maschinen für die Lebensmittelverarbeitung" (Food processing machines), with sub-subcategories:

1. 05.01 - Bäckereiausrüstung (Bakery equipment)
   * 05.01.01 - Teigknetmaschinen (Dough kneading machines)
   * 05.01.02 - Teigtrenner (Dough dividers)
   * 05.01.03 - Deck Ovens (Deck ovens)
   * 05.01.04 - Stikkenöfen (Tunnel ovens)
   * 05.01.05 - Proofing Schränke (Proofing cabinets)
2. 05.02 - Fleischverarbeitung (Meat processing)
   * 05.02.01 - Fleischwölfe (Meat grinders)
   * 05.02.02 - Fleischschneidemaschinen (Meat slicers)
   * 05.02.03 - Wurstfüller (Sausage stuffers)
   * 05.02.04 - Fleischmischer (Meat mixers)
3. 05.03 - Getränkeherstellung (Beverage production)
   * 05.03.01 - Maischebottiche (Mash tuns)
   * 05.03.02 - Gärbehälter (Fermentation tanks)
   * 05.03.03 - Abfüll- und Konservierungsanlagen (Filling and preservation systems)
   * 05.03.04 - Pasteurisierer (Pasteurizers)
4. 05.04 - Molkereiausrüstung (Dairy equipment)
   * 05.04.01 - Milchpasteurisierer (Milk pasteurizers)
   * 05.04.02 - Käsereimaschinen (Cheese making machines)
   * 05.04.03 - Rahmabscheider (Cream separators)
5. 05.05 - Süßwarenmaschinen (Confectionery machines)
   * 05.05.01 - Schokoladen-Temperiermaschinen (Chocolate tempering machines)
   * 05.05.02 - Maschinen zur Herstellung von Süßigkeiten (Candy making machines)
6. 05.06 - Obst- und Gemüseverarbeitung (Fruit and vegetable processing)
   * 05.06.01 - Waschmaschinen (Washing machines)
   * 05.06.02 - Schälmaschinen (Peeling machines)
   * 05.06.03 - Schneide- und Würfelmaschinen (Cutting and dicing machines)
7. 05.07 - Lebensmittelverpackungen (Food packaging)
   * 05.07.01 - Vakuumverpackungsmaschinen (Vacuum packaging machines)
   * 05.07.02 - Verpackung unter Schutzatmosphäre (Modified atmosphere packaging)
   * 05.07.03 - Abfüllmaschinen (Filling machines)
8. 05.08 - Kühlung und Kältetechnik (Cooling and refrigeration technology)
   * 05.08.01 - Kühlaggregate (Cooling units)
   * 05.08.02 - Kühltürme (Cooling towers)
   * 05.08.03 - Kühlräume (Cold rooms)
   * 05.08.04 - Display-Kühler (Display coolers)
   * 05.08.05 - Eismaschinen (Ice machines)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **600.1.0 - Bäckereimaschinen** → **05.01 - Bäckereiausrüstung**
* **600.5.0 - Fleischverarbeitungsmaschinen** → **05.02 - Fleischverarbeitung**
* **600.6.0 - Getränkemaschinen** → **05.03 - Getränkeherstellung**
* **600.13.0 - Molkereianlagen** → **05.04 - Molkereiausrüstung**
* **600.15.0 - Obst-, Gemüseverarbeitung** → **05.06 - Obst- und Gemüseverarbeitung**
* **600.23.0 - Süsswarenmaschinen** → **05.05 - Süßwarenmaschinen**
* **600.11.0 - Kühlanlagen** → **05.08 - Kühlung und Kältetechnik**
* **600.26.0 - Pasteurisierer** → **05.03 - Getränkeherstellung** (specifically 05.03.04 - Pasteurisierer)

**Mapped to "Others" (Hypothetical 05.09)**

The following old subcategories don’t have a specific match in 05.01 to 05.08 and will be assigned to the implicit 05.09 - Other food processing machines:

1. **600.2.0 - Brauereianlagen** (Brewing-, malting equipment) - Partial overlap with 05.03, but broader; no specific match.
2. **600.3.0 - Filter** (Filter) - No direct match.
3. **600.4.0 - Fischverarbeitungsmaschinen** (Fish processing) - No direct match.
4. **600.7.0 - Getreideverarbeitung** (Grain digestion) - No direct match.
5. **600.8.0 - Kaffee-, Tee-, Tabakmaschinen** (Coffee, tea, tobacco processing) - No direct match.
6. **600.9.0 - Kartoffelchipsherstellungsmaschinen** (Potato chips production) - No direct match (related to 05.06, but specific to chips).
7. **600.10.0 - Küchentechnik** (Kitchen equipment) - No direct match.
8. **600.12.0 - Mischanlagen** (Mixing machinery) - No direct match.
9. **600.14.0 - Mühlen** (Mills) - No direct match.
10. **600.16.0 - Pastamaschinen** (Pasta processing machinery) - No direct match.
11. **600.17.0 - Räucheranlagen** (Food smoking equipment) - No direct match.
12. **600.18.0 - Reinigungstechnik** (Cleaning technology) - No direct match.
13. **600.19.0 - Separatoren** (Separator) - No direct match.
14. **600.20.0 - Siebanlagen** (Sifting plants) - No direct match.
15. **600.21.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
16. **600.22.0 - Speiseöle u. Fette** (Edible oil and margarine) - No direct match.
17. **600.24.0 - Trockner** (Dryer) - No direct match.
18. **600.25.0 - Waagen** (Scales) - No direct match.
19. **600.27.0 - Wärmeaustauscher** (Heat exchangers) - No direct match.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 600 mapped to the hypothetical "Others" category (05.09):

json

Collapse

Wrap

Copy

[

{

"old\_code": "600.2.0",

"old\_subcategory\_name": "Brauereianlagen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.3.0",

"old\_subcategory\_name": "Filter",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.4.0",

"old\_subcategory\_name": "Fischverarbeitungsmaschinen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.7.0",

"old\_subcategory\_name": "Getreideverarbeitung",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.8.0",

"old\_subcategory\_name": "Kaffee-, Tee-, Tabakmaschinen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.9.0",

"old\_subcategory\_name": "Kartoffelchipsherstellungsmaschinen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.10.0",

"old\_subcategory\_name": "Küchentechnik",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.12.0",

"old\_subcategory\_name": "Mischanlagen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.14.0",

"old\_subcategory\_name": "Mühlen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.16.0",

"old\_subcategory\_name": "Pastamaschinen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.17.0",

"old\_subcategory\_name": "Räucheranlagen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.18.0",

"old\_subcategory\_name": "Reinigungstechnik",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.19.0",

"old\_subcategory\_name": "Separatoren",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.20.0",

"old\_subcategory\_name": "Siebanlagen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.21.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.22.0",

"old\_subcategory\_name": "Speiseöle u. Fette",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.24.0",

"old\_subcategory\_name": "Trockner",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.25.0",

"old\_subcategory\_name": "Waagen",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

},

{

"old\_code": "600.27.0",

"old\_subcategory\_name": "Wärmeaustauscher",

"new\_code": "05.09",

"new\_category\_name": "Other food processing machines"

}

]

**Summary**

* **Total Count**: 19 old subcategories are mapped to the hypothetical 05.09 - Other food processing machines.
* **Notes**:
  + The new system (Code: 05) has 8 specific categories, while the old system (field\_id: 600) has 27, leading to numerous unmatched items.
  + I’ve assigned 05.09 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction to avoid "Unmatched" designations.
  + Some items (e.g., Brauereianlagen) partially overlap with 05.03 (beverage production), but their broader scope justifies placement in "Others" unless explicitly matched (like Pasteurisierer).

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 700)!

please proceed with next id

Let’s move to the next ID from the old system in the second document, which is field\_id: 700 ("Textilmaschinen" or "Textile machinery"). I’ll compare this with the corresponding section in the new system from the first document, Code: 04 ("Textilmaschinen" or "Textile machines"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 04.

Since Code: 04 doesn’t explicitly list an "Others" subcategory, I’ll assume 04.09 - Sonstige Textilmaschinen ("Other textile machines") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Textile Machinery Categories**

**Old System (Second Document, field\_id: 700)**

The old system lists 15 subcategories under "Textilmaschinen" (Textile machinery):

1. 700.1.0 - Bügelmaschinen (Ironing machines)
2. 700.2.0 - Druckmaschinen (Printing machinery)
3. 700.3.0 - Färbeanlagen (Dyeing equipment)
4. 700.4.0 - Kettenwirkmaschinen (Warp knitting looms)
5. 700.5.0 - Nähmaschinen (Sewing-machines)
6. 700.6.0 - Schneidemaschinen (Cutting machines)
7. 700.7.0 - Sonstige Maschinen (Other machinery)
8. 700.8.0 - Spannrahmen (Stentering frames)
9. 700.9.0 - Stanzmaschinen (Punching machines)
10. 700.10.0 - Steppmaschinen (Quilting machines)
11. 700.11.0 - Stickmaschinen (Embroiderers)
12. 700.12.0 - Strickmaschinen (Knitting machines)
13. 700.13.0 - Textilreinigungsmaschinen (Textile cleaning machines)
14. 700.14.0 - Webmaschinen (Weaving machines)
15. 700.15.0 - Peripherie Maschinen (Periphery machines)

**New System (First Document, Code: 04)**

The new system lists 8 subcategories under "Textilmaschinen" (Textile machines), with sub-subcategories:

1. 04.01 - Spinnereimaschinen (Spinning machines)
   * 04.01.01 - Ringspinnmaschinen (Ring spinning machines)
   * 04.01.02 - Open-End-Spinnmaschinen (Open-end spinning machines)
   * 04.01.03 - Rotorspinnmaschinen (Rotor spinning machines)
2. 04.02 - Webmaschinen (Weaving machines)
   * 04.02.01 - Luftdüsen-Webmaschinen (Air jet weaving machines)
   * 04.02.02 - Rapier-Webstühle (Rapier looms)
   * 04.02.03 - Projektil-Webmaschinen (Projectile weaving machines)
3. 04.03 - Strickmaschinen (Knitting machines)
   * 04.03.01 - Kettenwirkmaschinen (Warp knitting machines)
   * 04.03.02 - Rundstrickmaschinen (Circular knitting machines)
   * 04.03.03 - Flachstrickmaschinen (Flat knitting machines)
4. 04.04 - Färbe- und Ausrüstungsmaschinen (Dyeing and finishing machines)
   * 04.04.01 - Stofffärbemaschinen (Fabric dyeing machines)
   * 04.04.02 - Garnfärbemaschinen (Yarn dyeing machines)
   * 04.04.03 - Druckmaschinen (Printing machines)
   * 04.04.04 - Kalander (Calenders)
   * 04.04.05 - Sanforisierungsmaschinen (Sanforizing machines)
5. 04.05 - Vliesstoffmaschinen (Nonwoven machines)
   * 04.05.01 - Spinnvlies-Systeme (Spunbond systems)
   * 04.05.02 - Meltblown-Systeme (Meltblown systems)
6. 04.06 - Näh- und Bekleidungsmaschinen (Sewing and apparel machines)
   * 04.06.01 - Geradstichmaschinen (Straight stitch machines)
   * 04.06.02 - Overlock-Maschinen (Overlock machines)
   * 04.06.03 - Straight Knife Cutter (Straight knife cutters)
   * 04.06.04 - Bandmesserschneider (Band knife cutters)
   * 04.06.05 - Stickereimaschinen (Embroidery machines)
7. 04.07 - Textilprüfgeräte (Textile testing equipment)
   * (No sub-subcategories listed)
8. 04.08 - Spul- und Zwirnmaschinen (Winding and twisting machines)
   * (No sub-subcategories listed)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **700.2.0 - Druckmaschinen** → **04.04 - Färbe- und Ausrüstungsmaschinen** (specifically 04.04.03 - Druckmaschinen)
* **700.3.0 - Färbeanlagen** → **04.04 - Färbe- und Ausrüstungsmaschinen** (covers dyeing, e.g., 04.04.01 and 04.04.02)
* **700.4.0 - Kettenwirkmaschinen** → **04.03 - Strickmaschinen** (specifically 04.03.01 - Kettenwirkmaschinen)
* **700.5.0 - Nähmaschinen** → **04.06 - Näh- und Bekleidungsmaschinen** (e.g., 04.06.01 - Geradstichmaschinen)
* **700.6.0 - Schneidemaschinen** → **04.06 - Näh- und Bekleidungsmaschinen** (specifically 04.06.03 - Straight Knife Cutter and 04.06.04 - Bandmesserschneider)
* **700.11.0 - Stickmaschinen** → **04.06 - Näh- und Bekleidungsmaschinen** (specifically 04.06.05 - Stickereimaschinen)
* **700.12.0 - Strickmaschinen** → **04.03 - Strickmaschinen**
* **700.14.0 - Webmaschinen** → **04.02 - Webmaschinen**

**Mapped to "Others" (Hypothetical 04.09)**

The following old subcategories don’t have a specific match in 04.01 to 04.08 and will be assigned to the implicit 04.09 - Other textile machines:

1. **700.1.0 - Bügelmaschinen** (Ironing machines) - No direct match.
2. **700.7.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
3. **700.8.0 - Spannrahmen** (Stentering frames) - No direct match (related to finishing, but not explicitly covered in 04.04).
4. **700.9.0 - Stanzmaschinen** (Punching machines) - No direct match.
5. **700.10.0 - Steppmaschinen** (Quilting machines) - No direct match.
6. **700.13.0 - Textilreinigungsmaschinen** (Textile cleaning machines) - No direct match.
7. **700.15.0 - Peripherie Maschinen** (Periphery machines) - No direct match.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 700 mapped to the hypothetical "Others" category (04.09):

json

Collapse

Wrap

Copy

[

{

"old\_code": "700.1.0",

"old\_subcategory\_name": "Bügelmaschinen",

"new\_code": "04.09",

"new\_category\_name": "Other textile machines"

},

{

"old\_code": "700.7.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "04.09",

"new\_category\_name": "Other textile machines"

},

{

"old\_code": "700.8.0",

"old\_subcategory\_name": "Spannrahmen",

"new\_code": "04.09",

"new\_category\_name": "Other textile machines"

},

{

"old\_code": "700.9.0",

"old\_subcategory\_name": "Stanzmaschinen",

"new\_code": "04.09",

"new\_category\_name": "Other textile machines"

},

{

"old\_code": "700.10.0",

"old\_subcategory\_name": "Steppmaschinen",

"new\_code": "04.09",

"new\_category\_name": "Other textile machines"

},

{

"old\_code": "700.13.0",

"old\_subcategory\_name": "Textilreinigungsmaschinen",

"new\_code": "04.09",

"new\_category\_name": "Other textile machines"

},

{

"old\_code": "700.15.0",

"old\_subcategory\_name": "Peripherie Maschinen",

"new\_code": "04.09",

"new\_category\_name": "Other textile machines"

}

]

**Summary**

* **Total Count**: 7 old subcategories are mapped to the hypothetical 04.09 - Other textile machines.
* **Notes**:
  + The new system (Code: 04) has 8 specific categories, while the old system (field\_id: 700) has 15, leading to several unmatched items.
  + I’ve assigned 04.09 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Spannrahmen) are related to finishing (04.04), but lack a specific match, justifying their placement in "Others."

Let me know if this works for you or if you’d like to proceed to the next ID (e.g., 800)!

please proeed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 800 ("Druckereimaschinen" or "Printing machines"). I’ll compare this with the corresponding section in the new system from the first document, Code: 07 ("Druck- und Grafikausrüstung" or "Printing and graphic equipment"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 07.

Since Code: 07 doesn’t explicitly list an "Others" subcategory, I’ll assume 07.05 - Sonstige Druck- und Grafikausrüstung ("Other printing and graphic equipment") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Printing Machinery Categories**

**Old System (Second Document, field\_id: 800)**

The old system lists 20 subcategories under "Druckereimaschinen" (Printing machines):

1. 800.1.0 - Bogenmaschinen (Elbow machines)
2. 800.2.0 - Buchbindereimaschinen (Book binding machines)
3. 800.3.0 - Buchdruckmaschinen (Letterpress)
4. 800.4.0 - Digitaldruckmaschinen (Digital Print)
5. 800.5.0 - Druckvorstufe (Pre-press)
6. 800.6.0 - Etikettendruck-, Stanzmaschinen (Label Systems)
7. 800.7.0 - Flexodruckmaschinen (Flexographic printing press)
8. 800.8.0 - Formulardruckmaschinen (Stationary Presses)
9. 800.9.0 - Kuvertiermaschinen (Inserter)
10. 800.10.0 - Offsetdruckmaschinen (Offset printing press)
11. 800.11.0 - Repromaschinen (Reproduction machines)
12. 800.12.0 - Rollenoffsetdruckmaschinen (Web offset printing press)
13. 800.13.0 - Rotationsdruckmaschinen (Rotary printing press)
14. 800.14.0 - Siebdruckmaschinen (Screen printing machine)
15. 800.15.0 - Sonstige Maschinen (Other machinery)
16. 800.16.0 - Stackers (Stackers)
17. 800.17.0 - Tampondruckmaschinen (Pad printing machines)
18. 800.18.0 - Tiefdruckmaschinen (Gravure printing press)
19. 800.19.0 - Weiterverarbeitungsmaschinen (Post press machines)
20. 800.20.0 - Zusammentragmaschinen (Collating machines)

**New System (First Document, Code: 07)**

The new system lists 4 subcategories under "Druck- und Grafikausrüstung" (Printing and graphic equipment), with sub-subcategories:

1. 07.01 - Druckpressen (Printing presses)
   * 07.01.01 - Offsetdruckmaschinen (Offset printing machines)
   * 07.01.02 - Digitaldruckmaschinen (Digital printing machines)
   * 07.01.03 - Flexodruckmaschinen (Flexographic printing machines)
   * 07.01.04 - Tiefdruckpressen (Gravure printing presses)
   * 07.01.05 - Siebdruckmaschinen (Screen printing machines)
2. 07.02 - Druckvorstufenausrüstung (Pre-press equipment)
   * 07.02.01 - Plattenherstellungsmaschinen (Plate making machines)
   * 07.02.02 - Exposer (Exposers)
3. 07.03 - Postpress-Ausrüstung (Post-press equipment)
   * 07.03.01 - Guillotine-Schneider (Guillotine cutters)
   * 07.03.02 - Falzmaschinen (Folding machines)
   * 07.03.03 - Perfect Binders (Perfect binders)
   * 07.03.04 - Saddle Stitchers (Saddle stitchers)
   * 07.03.05 - Kaschiermaschinen (Laminating machines)
4. 07.04 - Papier- und Folienverarbeitung (Paper and film processing)
   * 07.04.01 - Papierschneidemaschinen (Paper cutting machines)
   * 07.04.02 - Papierfalzmaschinen (Paper folding machines)
   * 07.04.03 - Folienextruder (Film extruders)
   * 07.04.04 - Film Slitters (Film slitters)
   * 07.04.05 - Rollenschneider (Roll cutters)
   * 07.04.06 - Querschneider (Cross cutters)
   * 07.04.07 - Beutelherstellungsmaschinen (Bag making machines)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **800.2.0 - Buchbindereimaschinen** → **07.03 - Postpress-Ausrüstung** (e.g., 07.03.03 - Perfect Binders, 07.03.04 - Saddle Stitchers)
* **800.4.0 - Digitaldruckmaschinen** → **07.01 - Druckpressen** (specifically 07.01.02 - Digitaldruckmaschinen)
* **800.5.0 - Druckvorstufe** → **07.02 - Druckvorstufenausrüstung**
* **800.7.0 - Flexodruckmaschinen** → **07.01 - Druckpressen** (specifically 07.01.03 - Flexodruckmaschinen)
* **800.10.0 - Offsetdruckmaschinen** → **07.01 - Druckpressen** (specifically 07.01.01 - Offsetdruckmaschinen)
* **800.12.0 - Rollenoffsetdruckmaschinen** → **07.01 - Druckpressen** (specifically 07.01.01 - Offsetdruckmaschinen, as a subset)
* **800.14.0 - Siebdruckmaschinen** → **07.01 - Druckpressen** (specifically 07.01.05 - Siebdruckmaschinen)
* **800.18.0 - Tiefdruckmaschinen** → **07.01 - Druckpressen** (specifically 07.01.04 - Tiefdruckpressen)
* **800.19.0 - Weiterverarbeitungsmaschinen** → **07.03 - Postpress-Ausrüstung**

**Mapped to "Others" (Hypothetical 07.05)**

The following old subcategories don’t have a specific match in 07.01 to 07.04 and will be assigned to the implicit 07.05 - Other printing and graphic equipment:

1. **800.1.0 - Bogenmaschinen** (Elbow machines) - No direct match (possibly a typo or misclassification; could relate to sheet-fed presses, but not explicit).
2. **800.3.0 - Buchdruckmaschinen** (Letterpress) - No direct match (historical printing method not explicitly covered).
3. **800.6.0 - Etikettendruck-, Stanzmaschinen** (Label Systems) - Partial overlap with 07.01 (printing) and 07.03 (post-press), but no specific match.
4. **800.8.0 - Formulardruckmaschinen** (Stationary Presses) - No direct match.
5. **800.9.0 - Kuvertiermaschinen** (Inserter) - No direct match (related to post-press, but not explicitly listed).
6. **800.11.0 - Repromaschinen** (Reproduction machines) - No direct match.
7. **800.13.0 - Rotationsdruckmaschinen** (Rotary printing press) - Partial overlap with 07.01, but broader; no specific match.
8. **800.15.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
9. **800.16.0 - Stackers** (Stackers) - No direct match (related to post-press, but not listed).
10. **800.17.0 - Tampondruckmaschinen** (Pad printing machines) - No direct match.
11. **800.20.0 - Zusammentragmaschinen** (Collating machines) - Partial overlap with 07.03 (post-press), but no specific match.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 800 mapped to the hypothetical "Others" category (07.05):

json

Collapse

Wrap

Copy

[

{

"old\_code": "800.1.0",

"old\_subcategory\_name": "Bogenmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.3.0",

"old\_subcategory\_name": "Buchdruckmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.6.0",

"old\_subcategory\_name": "Etikettendruck-, Stanzmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.8.0",

"old\_subcategory\_name": "Formulardruckmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.9.0",

"old\_subcategory\_name": "Kuvertiermaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.11.0",

"old\_subcategory\_name": "Repromaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.13.0",

"old\_subcategory\_name": "Rotationsdruckmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.15.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.16.0",

"old\_subcategory\_name": "Stackers",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.17.0",

"old\_subcategory\_name": "Tampondruckmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "800.20.0",

"old\_subcategory\_name": "Zusammentragmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

}

]

**Summary**

* **Total Count**: 11 old subcategories are mapped to the hypothetical 07.05 - Other printing and graphic equipment.
* **Notes**:
  + The new system (Code: 07) has 4 specific categories, while the old system (field\_id: 800) has 20, leading to several unmatched items.
  + I’ve assigned 07.05 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Rotationsdruckmaschinen, Zusammentragmaschinen) have partial overlaps with 07.01 or 07.03, but their broader or distinct nature justifies placement in "Others."

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 850)!

proceed with next

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 850 ("Maschinen z. Herstellung von Verpackungsmaterial" or "Production machinery for packaging material"). I’ll compare this with the most relevant section in the new system from the first document. Since there isn’t a direct equivalent category in the new system dedicated solely to "Production machinery for packaging material," the closest related categories are Code: 06 ("Verpackungsmaschinen" or "Packaging machines") and Code: 07 ("Druck- und Grafikausrüstung" or "Printing and graphic equipment"), particularly 07.04 - Papier- und Folienverarbeitung ("Paper and film processing"). I’ll map based on these and assign unmatched items to an "Others" category.

**Step 1: Extract Packaging Material Production Categories**

**Old System (Second Document, field\_id: 850)**

The old system lists 17 subcategories under "Maschinen z. Herstellung von Verpackungsmaterial" (Production machinery for packaging material):

1. 850.1.0 - Beutelmaschinen (Bag machines)
2. 850.2.0 - Briefumschlagmaschinen (Envelope machines)
3. 850.3.0 - Etikettierungsmaschinen (Labeling machines)
4. 850.4.0 - Faltschachtelklebemaschinen (Folder gluer)
5. 850.5.0 - Falzmaschinen (Folding machines)
6. 850.6.0 - Kartonagenherstellung (Paper board container production)
7. 850.7.0 - Kaschieranlagen (Laminating installations)
8. 850.8.0 - Perforiermaschinen (Perforating machines)
9. 850.9.0 - Pressen (Presses)
10. 850.10.0 - Schneidemaschinen (Cutting machinery)
11. 850.11.0 - Schulheftmaschinen (School staplers)
12. 850.12.0 - Slotter u. Casemaker (Slotter and Casemaker)
13. 850.13.0 - Sonstige Maschinen (Other machinery)
14. 850.14.0 - Stanzen (Punchs)
15. 850.15.0 - Stanztiegel (Punching pans)
16. 850.16.0 - Wellpappenherstellung u. Verarbeitung (Corrugated cardboard manufacturing and processing)
17. 850.17.0 - Wickelmaschinen (Winders)

**New System (First Document, Relevant Sections)**

Relevant categories in the new system:

* **Code: 06 - Verpackungsmaschinen** (Packaging machines):
  + 06.04 - Etikettiermaschinen (Labeling machines)
    - 06.04.01 - Selbstklebe-Etikettierer (Self-adhesive labelers)
    - 06.04.02 - Sleeve-Etikettierer (Sleeve labelers)
  + 06.05 - Kartoniermaschinen (Cartoning machines)
    - 06.05.01 - Horizontal-Kartonierer (Horizontal cartoners)
    - 06.05.02 - Vertikalkartonierer (Vertical cartoners)
* **Code: 07 - Druck- und Grafikausrüstung** (Printing and graphic equipment):
  + 07.03 - Postpress-Ausrüstung (Post-press equipment)
    - 07.03.01 - Guillotine-Schneider (Guillotine cutters)
    - 07.03.02 - Falzmaschinen (Folding machines)
    - 07.03.03 - Perfect Binders (Perfect binders)
    - 07.03.04 - Saddle Stitchers (Saddle stitchers)
    - 07.03.05 - Kaschiermaschinen (Laminating machines)
  + 07.04 - Papier- und Folienverarbeitung (Paper and film processing)
    - 07.04.01 - Papierschneidemaschinen (Paper cutting machines)
    - 07.04.02 - Papierfalzmaschinen (Paper folding machines)
    - 07.04.03 - Folienextruder (Film extruders)
    - 07.04.04 - Film Slitters (Film slitters)
    - 07.04.05 - Rollenschneider (Roll cutters)
    - 07.04.06 - Querschneider (Cross cutters)
    - 07.04.07 - Beutelherstellungsmaschinen (Bag making machines)

**Note**: Since field\_id: 850 focuses on machinery for producing packaging materials (rather than just packaging), 07.04 (Paper and film processing) is the most relevant match, with some overlap in 06 and 07.03. I’ll assume 07.05 - Sonstige Druck- und Grafikausrüstung ("Other printing and graphic equipment") as the implicit "Others" category for unmatched items, as it’s broader and aligns with production-related equipment. Alternatively, 06.09 - Sonstige Verpackungsmaschinen could be used, but 07.05 fits better for material production.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **850.1.0 - Beutelmaschinen** → **07.04 - Papier- und Folienverarbeitung** (specifically 07.04.07 - Beutelherstellungsmaschinen)
* **850.3.0 - Etikettierungsmaschinen** → **06.04 - Etikettiermaschinen**
* **850.4.0 - Faltschachtelklebemaschinen** → **07.03 - Postpress-Ausrüstung** (related to 07.03.03 - Perfect Binders or folding/gluing processes)
* **850.5.0 - Falzmaschinen** → **07.03 - Postpress-Ausrüstung** (specifically 07.03.02 - Falzmaschinen) or **07.04** (07.04.02 - Papierfalzmaschinen); 07.03.02 is more specific.
* **850.7.0 - Kaschieranlagen** → **07.03 - Postpress-Ausrüstung** (specifically 07.03.05 - Kaschiermaschinen)
* **850.10.0 - Schneidemaschinen** → **07.04 - Papier- und Folienverarbeitung** (e.g., 07.04.01 - Papierschneidemaschinen, 07.04.05 - Rollenschneider)

**Mapped to "Others" (Hypothetical 07.05)**

The following old subcategories don’t have a specific match in 06.04, 06.05, 07.03, or 07.04 and will be assigned to the implicit 07.05 - Other printing and graphic equipment:

1. **850.2.0 - Briefumschlagmaschinen** (Envelope machines) - No direct match.
2. **850.6.0 - Kartonagenherstellung** (Paper board container production) - Partial overlap with 06.05 or 07.04, but broader; no specific match.
3. **850.8.0 - Perforiermaschinen** (Perforating machines) - No direct match.
4. **850.9.0 - Pressen** (Presses) - No direct match in this context.
5. **850.11.0 - Schulheftmaschinen** (School staplers) - No direct match.
6. **850.12.0 - Slotter u. Casemaker** (Slotter and Casemaker) - No direct match.
7. **850.13.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
8. **850.14.0 - Stanzen** (Punchs) - No direct match (related to cutting, but distinct).
9. **850.15.0 - Stanztiegel** (Punching pans) - No direct match.
10. **850.16.0 - Wellpappenherstellung u. Verarbeitung** (Corrugated cardboard manufacturing and processing) - No direct match.
11. **850.17.0 - Wickelmaschinen** (Winders) - No direct match (distinct from 07.04 winding processes).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 850 mapped to the hypothetical "Others" category (07.05):

json

Collapse

Wrap

Copy

[

{

"old\_code": "850.2.0",

"old\_subcategory\_name": "Briefumschlagmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.6.0",

"old\_subcategory\_name": "Kartonagenherstellung",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.8.0",

"old\_subcategory\_name": "Perforiermaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.9.0",

"old\_subcategory\_name": "Pressen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.11.0",

"old\_subcategory\_name": "Schulheftmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.12.0",

"old\_subcategory\_name": "Slotter u. Casemaker",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.13.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.14.0",

"old\_subcategory\_name": "Stanzen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.15.0",

"old\_subcategory\_name": "Stanztiegel",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.16.0",

"old\_subcategory\_name": "Wellpappenherstellung u. Verarbeitung",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

},

{

"old\_code": "850.17.0",

"old\_subcategory\_name": "Wickelmaschinen",

"new\_code": "07.05",

"new\_category\_name": "Other printing and graphic equipment"

}

]

**Summary**

* **Total Count**: 11 old subcategories are mapped to the hypothetical 07.05 - Other printing and graphic equipment.
* **Notes**:
  + The new system doesn’t have a dedicated category for "Production machinery for packaging material," so I’ve mapped to 07.03 and 07.04 (post-press and paper/film processing) where applicable, with 07.05 as the catch-all.
  + field\_id: 850 has 17 subcategories, while the relevant new system categories are more limited, leading to several unmatched items.
  + I’ve chosen 07.05 over 06.09 for "Others" because field\_id: 850 focuses on producing packaging materials (e.g., paper, cardboard), aligning more with graphic/printing equipment than general packaging machinery.
  + If you’d prefer mapping to 06.09 - Sonstige Verpackungsmaschinen instead, let me know, and I can adjust!

Let me know if this works or if you’d like to proceed to the next ID (e.g., 900)!

proceed with next id.

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 900 ("Landmaschinen" or "Agricultural machines"). I’ll compare this with the corresponding section in the new system from the first document, Code: 09 ("Landwirtschaftliche Maschinen" or "Agricultural machines"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 09.

Since Code: 09 doesn’t explicitly list an "Others" subcategory, I’ll assume 09.08 - Sonstige Landwirtschaftliche Maschinen ("Other agricultural machines") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Agricultural Machinery Categories**

**Old System (Second Document, field\_id: 900)**

The old system lists 17 subcategories under "Landmaschinen" (Agricultural machines):

1. 900.1.0 - Bodenbearbeitungsmaschinen (Tillage)
2. 900.2.0 - Erntemaschinen (Harvesters)
3. 900.3.0 - Förder-, Lagertechnik (Storage engineering)
4. 900.4.0 - Forstwirtschaft (Forestry machinery)
5. 900.5.0 - Frontlader (Front-end loader)
6. 900.6.0 - Fütterungstechnik (Feeding)
7. 900.7.0 - Gülletechnik (Slurry and manure spreaders)
8. 900.8.0 - Heutechnik (Hay technology)
9. 900.9.0 - Ladetechnik (Handling)
10. 900.10.0 - Pflanzenschutz-, Düngemaschinen (Sprayers and spreaders)
11. 900.11.0 - Pflegetechnik (Intercultivation)
12. 900.12.0 - Pressen (Presses)
13. 900.13.0 - Sonstige Maschinen (Other machinery)
14. 900.14.0 - Stallausrüstung u. Melk- u. Kühltechnik (Livestock housing installations / Milking / cooling installations)
15. 900.15.0 - Traktoren (Tractors)
16. 900.16.0 - Transportgeräte u. Anhänger (Transport)
17. 900.17.0 - Zubehör (Accessories)

**New System (First Document, Code: 09)**

The new system lists 7 subcategories under "Landwirtschaftliche Maschinen" (Agricultural machines), with sub-subcategories:

1. 09.01 - Traktoren (Tractors)
   * 09.01.01 - Kompakttraktoren (Compact tractors)
   * 09.01.02 - Standard-Traktoren (Standard tractors)
2. 09.02 - Erntemaschinen (Harvesting machines)
   * 09.02.01 - Mähdrescher (Combine harvesters)
   * 09.02.02 - Feldhäcksler (Forage harvesters)
   * 09.02.03 - Ballenpressen (Balers)
3. 09.03 - Pflanzung und Aussaat (Planting and seeding)
   * 09.03.01 - Sämaschinen (Seeders)
   * 09.03.02 - Pflanzer (Planters)
4. 09.04 - Bewässerungssysteme (Irrigation systems)
   * 09.04.01 - Sprinkleranlagen (Sprinkler systems)
   * 09.04.02 - Tropfbewässerungssysteme (Drip irrigation systems)
5. 09.05 - Bodenbearbeitung (Soil cultivation)
   * 09.05.01 - Pflüge (Plows)
   * 09.05.02 - Eggen (Harrows)
   * 09.05.03 - Grubber (Cultivators)
6. 09.06 - Pflanzenschutz (Crop protection)
   * 09.06.01 - Sprühgeräte (Sprayers)
   * 09.06.02 - Nebelgebläse (Mist blowers)
7. 09.07 - Viehzuchtausrüstung (Livestock equipment)
   * 09.07.01 - Melkmaschinen (Milking machines)
   * 09.07.02 - Fütterungssysteme (Feeding systems)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **900.1.0 - Bodenbearbeitungsmaschinen** → **09.05 - Bodenbearbeitung**
* **900.2.0 - Erntemaschinen** → **09.02 - Erntemaschinen**
* **900.6.0 - Fütterungstechnik** → **09.07 - Viehzuchtausrüstung** (specifically 09.07.02 - Fütterungssysteme)
* **900.10.0 - Pflanzenschutz-, Düngemaschinen** → **09.06 - Pflanzenschutz** (e.g., 09.06.01 - Sprühgeräte)
* **900.12.0 - Pressen** → **09.02 - Erntemaschinen** (specifically 09.02.03 - Ballenpressen)
* **900.14.0 - Stallausrüstung u. Melk- u. Kühltechnik** → **09.07 - Viehzuchtausrüstung** (specifically 09.07.01 - Melkmaschinen, and broadly for livestock equipment)
* **900.15.0 - Traktoren** → **09.01 - Traktoren**

**Mapped to "Others" (Hypothetical 09.08)**

The following old subcategories don’t have a specific match in 09.01 to 09.07 and will be assigned to the implicit 09.08 - Other agricultural machines:

1. **900.3.0 - Förder-, Lagertechnik** (Storage engineering) - No direct match (related to transport/storage, but not specific).
2. **900.4.0 - Forstwirtschaft** (Forestry machinery) - No direct match (distinct from general agriculture).
3. **900.5.0 - Frontlader** (Front-end loader) - No direct match (attachment-related, not a standalone category).
4. **900.7.0 - Gülletechnik** (Slurry and manure spreaders) - No direct match (related to 09.06, but broader).
5. **900.8.0 - Heutechnik** (Hay technology) - Partial overlap with 09.02 (e.g., balers), but broader; no specific match.
6. **900.9.0 - Ladetechnik** (Handling) - No direct match.
7. **900.11.0 - Pflegetechnik** (Intercultivation) - No direct match (related to 09.05, but distinct).
8. **900.13.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
9. **900.16.0 - Transportgeräte u. Anhänger** (Transport) - No direct match.
10. **900.17.0 - Zubehör** (Accessories) - No direct match (not a machine category).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 900 mapped to the hypothetical "Others" category (09.08):

json

Collapse

Wrap

Copy

[

{

"old\_code": "900.3.0",

"old\_subcategory\_name": "Förder-, Lagertechnik",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.4.0",

"old\_subcategory\_name": "Forstwirtschaft",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.5.0",

"old\_subcategory\_name": "Frontlader",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.7.0",

"old\_subcategory\_name": "Gülletechnik",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.8.0",

"old\_subcategory\_name": "Heutechnik",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.9.0",

"old\_subcategory\_name": "Ladetechnik",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.11.0",

"old\_subcategory\_name": "Pflegetechnik",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.13.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.16.0",

"old\_subcategory\_name": "Transportgeräte u. Anhänger",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

},

{

"old\_code": "900.17.0",

"old\_subcategory\_name": "Zubehör",

"new\_code": "09.08",

"new\_category\_name": "Other agricultural machines"

}

]

**Summary**

* **Total Count**: 10 old subcategories are mapped to the hypothetical 09.08 - Other agricultural machines.
* **Notes**:
  + The new system (Code: 09) has 7 specific categories, while the old system (field\_id: 900) has 17, leading to several unmatched items.
  + I’ve assigned 09.08 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Heutechnik, Gülletechnik) have partial overlaps with 09.02 or 09.06, but their broader or distinct nature justifies placement in "Others."

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1000)!

please proceed with next ID.

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1000 ("Baumaschinen" or "Construction machinery"). I’ll compare this with the corresponding section in the new system from the first document, Code: 08 ("Baumaschinen" or "Construction machines"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 08.

Since Code: 08 doesn’t explicitly list an "Others" subcategory, I’ll assume 08.08 - Sonstige Baumaschinen ("Other construction machines") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Construction Machinery Categories**

**Old System (Second Document, field\_id: 1000)**

The old system lists 36 subcategories under "Baumaschinen" (Construction machinery):

1. 1000.1.0 - Abbruch, Recycling, Deponie (Demolition, recycling, disposal)
2. 1000.2.0 - Anhänger (Trailers)
3. 1000.3.0 - Asphalttechnik (Asphalt technology)
4. 1000.4.0 - Bagger (Excavators)
5. 1000.5.0 - Baggerlader (Crawler loaders)
6. 1000.6.0 - Baugeräte (Construction equipments)
7. 1000.7.0 - Baustoffherstellung (Building material fabrication)
8. 1000.8.0 - Betontechnik u. Mörtelaufbereitung (Concrete technique and plaster treatment)
9. 1000.9.0 - Bohrgeräte (Drill systems)
10. 1000.10.0 - Brechanlagen (Crushing equipment)
11. 1000.11.0 - Bulldozer (Bulldozer)
12. 1000.12.0 - Container (Container)
13. 1000.13.0 - Dumper (Dumper)
14. 1000.14.0 - Grader (Graders)
15. 1000.15.0 - Kanal-, Rohrbau (Channel sheeting and tubing shifting technology)
16. 1000.16.0 - Kipper (Dumper)
17. 1000.17.0 - Kompressoren (Compressors)
18. 1000.18.0 - Krane (Cranes)
19. 1000.19.0 - Lader (Loader)
20. 1000.20.0 - Pressen (Presses)
21. 1000.21.0 - Pumpen (Pumps)
22. 1000.22.0 - Putzmaschinen (Plaster machines)
23. 1000.23.0 - Rammen (Ramms)
24. 1000.24.0 - Raupen (Dozers)
25. 1000.25.0 - Rüttelplatten (Compactors)
26. 1000.26.0 - Schalungstechnik (Shoring)
27. 1000.27.0 - Schleifen u. Schneiden (Grinding and cutting)
28. 1000.28.0 - Sonstige Maschinen (Other machinery)
29. 1000.29.0 - Stampfer (Mashers)
30. 1000.30.0 - Stapler (Fork lifts)
31. 1000.31.0 - Strassenfertiger (Pavers)
32. 1000.32.0 - Stromerzeuger (Generators)
33. 1000.33.0 - Tief-, Grundbohrungen (Drill systems)
34. 1000.34.0 - Transport-, Arbeitsbühnen (Work platforms)
35. 1000.35.0 - Walzen (Rollers)
36. 1000.36.0 - Werkzeuge (Tools)

**New System (First Document, Code: 08)**

The new system lists 7 subcategories under "Baumaschinen" (Construction machines), with sub-subcategories:

1. 08.01 - Erdbewegungsmaschinen (Earth-moving machines)
   * 08.01.01 - Raupenbagger (Crawler excavators)
   * 08.01.02 - Radbagger (Wheeled excavators)
   * 08.01.03 - Kompaktlader (Skid Steer Loader)
   * 08.01.04 - Radlader (Wheel loaders)
   * 08.01.05 - Planierraupen (Bulldozers)
2. 08.02 - Straßenbau (Road construction)
   * 08.02.01 - Asphalt-Pflastersteine (Asphalt pavers)
   * 08.02.02 - Straßenwalzen (Road rollers)
   * 08.02.03 - Kaltfräsmaschinen (Cold milling machines)
3. 08.03 - Hebezeuge (Lifting equipment)
   * 08.03.01 - Mobilkräne (Mobile cranes)
   * 08.03.02 - Turmkräne (Tower cranes)
   * 08.03.03 - Gabelstapler (Forklifts)
4. 08.04 - Betonausrüstung (Concrete equipment)
   * 08.04.01 - Betonmischer (Concrete mixers)
   * 08.04.02 - Betonpumpen (Concrete pumps)
   * 08.04.03 - Betonmischanlagen (Concrete Batching Plants)
5. 08.05 - Bohrausrüstung (Drilling equipment)
   * 08.05.01 - Pfahlrammen (Pile drivers)
   * 08.05.02 - Drehbohranlagen (Rotary drilling rigs)
6. 08.06 - Steinbearbeitung (Stone processing)
   * 08.06.01 - Brückensägen (Bridge saws)
   * 08.06.02 - Drahtsägen (Wire saws)
   * 08.06.03 - Steinpoliermaschinen (Stone polishing machines)
   * 08.06.04 - Steingraviermaschinen (Stone engraving machines)
   * 08.06.05 - CNC-Steinbearbeitungszentren (CNC stone machining centers)
   * 08.06.06 - Steinspalter (Stone splitters)
7. 08.07 - Kommunale Ausrüstung (Municipal equipment)
   * 08.07.01 - Straßenkehrer (Street sweepers)
   * 08.07.02 - Scheuersaugmaschinen (Scrubber dryers)
   * 08.07.03 - Müllautos (Garbage trucks)
   * 08.07.04 - Recycling-Fahrzeuge (Recycling vehicles)
   * 08.07.05 - Schneepflüge (Snow plows)
   * 08.07.06 - Schneefräsen (Snow blowers)
   * 08.07.07 - Asphaltflickmaschinen (Asphalt patching machines)
   * 08.07.08 - Crack Fillers (Crack fillers)
   * 08.07.09 - Hubarbeitsbühnen (Aerial work platforms)
   * 08.07.10 - Baumpflegegeräte (Tree care equipment)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1000.1.0 - Abbruch, Recycling, Deponie** → **08.07 - Kommunale Ausrüstung** (partially via 08.07.04 - Recycling-Fahrzeuge, though broader)
* **1000.3.0 - Asphalttechnik** → **08.02 - Straßenbau** (e.g., 08.02.01 - Asphalt-Pflastersteine)
* **1000.4.0 - Bagger** → **08.01 - Erdbewegungsmaschinen** (e.g., 08.01.01 - Raupenbagger, 08.01.02 - Radbagger)
* **1000.5.0 - Baggerlader** → **08.01 - Erdbewegungsmaschinen** (partially via 08.01.03 - Kompaktlader or 08.01.04 - Radlader)
* **1000.8.0 - Betontechnik u. Mörtelaufbereitung** → **08.04 - Betonausrüstung**
* **1000.9.0 - Bohrgeräte** → **08.05 - Bohrausrüstung** (e.g., 08.05.02 - Drehbohranlagen)
* **1000.11.0 - Bulldozer** → **08.01 - Erdbewegungsmaschinen** (specifically 08.01.05 - Planierraupen)
* **1000.13.0 - Dumper** → **08.01 - Erdbewegungsmaschinen** (broadly as earth-moving, though not specific)
* **1000.16.0 - Kipper** → **08.01 - Erdbewegungsmaschinen** (similar to Dumper, earth-moving related)
* **1000.18.0 - Krane** → **08.03 - Hebezeuge** (e.g., 08.03.01 - Mobilkräne, 08.03.02 - Turmkräne)
* **1000.19.0 - Lader** → **08.01 - Erdbewegungsmaschinen** (e.g., 08.01.04 - Radlader)
* **1000.23.0 - Rammen** → **08.05 - Bohrausrüstung** (specifically 08.05.01 - Pfahlrammen)
* **1000.24.0 - Raupen** → **08.01 - Erdbewegungsmaschinen** (e.g., 08.01.05 - Planierraupen, dozers)
* **1000.30.0 - Stapler** → **08.03 - Hebezeuge** (specifically 08.03.03 - Gabelstapler)
* **1000.31.0 - Strassenfertiger** → **08.02 - Straßenbau** (e.g., 08.02.01 - Asphalt-Pflastersteine)
* **1000.33.0 - Tief-, Grundbohrungen** → **08.05 - Bohrausrüstung** (e.g., 08.05.02 - Drehbohranlagen)
* **1000.34.0 - Transport-, Arbeitsbühnen** → **08.07 - Kommunale Ausrüstung** (specifically 08.07.09 - Hubarbeitsbühnen)
* **1000.35.0 - Walzen** → **08.02 - Straßenbau** (specifically 08.02.02 - Straßenwalzen)

**Mapped to "Others" (Hypothetical 08.08)**

The following old subcategories don’t have a specific match in 08.01 to 08.07 and will be assigned to the implicit 08.08 - Other construction machines:

1. **1000.2.0 - Anhänger** (Trailers) - No direct match.
2. **1000.6.0 - Baugeräte** (Construction equipments) - Too broad; no specific match.
3. **1000.7.0 - Baustoffherstellung** (Building material fabrication) - No direct match.
4. **1000.10.0 - Brechanlagen** (Crushing equipment) - No direct match (related to demolition, but distinct).
5. **1000.12.0 - Container** (Container) - No direct match.
6. **1000.14.0 - Grader** (Graders) - No direct match (related to earth-moving, but not listed).
7. **1000.17.0 - Kompressoren** (Compressors) - No direct match.
8. **1000.20.0 - Pressen** (Presses) - No direct match in construction context.
9. **1000.21.0 - Pumpen** (Pumps) - No direct match (except partially in 08.04.02 - Betonpumpen, but broader).
10. **1000.22.0 - Putzmaschinen** (Plaster machines) - No direct match.
11. **1000.25.0 - Rüttelplatten** (Compactors) - No direct match (related to road construction, but not specific).
12. **1000.26.0 - Schalungstechnik** (Shoring) - No direct match.
13. **1000.27.0 - Schleifen u. Schneiden** (Grinding and cutting) - No direct match.
14. **1000.28.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
15. **1000.29.0 - Stampfer** (Mashers) - No direct match (related to compactors, but distinct).
16. **1000.32.0 - Stromerzeuger** (Generators) - No direct match.
17. **1000.36.0 - Werkzeuge** (Tools) - No direct match (not a machine category).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1000 mapped to the hypothetical "Others" category (08.08):

json

Collapse

Wrap

Copy

[

{

"old\_code": "1000.2.0",

"old\_subcategory\_name": "Anhänger",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.6.0",

"old\_subcategory\_name": "Baugeräte",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.7.0",

"old\_subcategory\_name": "Baustoffherstellung",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.10.0",

"old\_subcategory\_name": "Brechanlagen",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.12.0",

"old\_subcategory\_name": "Container",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.14.0",

"old\_subcategory\_name": "Grader",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.17.0",

"old\_subcategory\_name": "Kompressoren",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.20.0",

"old\_subcategory\_name": "Pressen",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.21.0",

"old\_subcategory\_name": "Pumpen",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.22.0",

"old\_subcategory\_name": "Putzmaschinen",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.25.0",

"old\_subcategory\_name": "Rüttelplatten",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.26.0",

"old\_subcategory\_name": "Schalungstechnik",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.27.0",

"old\_subcategory\_name": "Schleifen u. Schneiden",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.28.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.29.0",

"old\_subcategory\_name": "Stampfer",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.32.0",

"old\_subcategory\_name": "Stromerzeuger",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

},

{

"old\_code": "1000.36.0",

"old\_subcategory\_name": "Werkzeuge",

"new\_code": "08.08",

"new\_category\_name": "Other construction machines"

}

]

**Summary**

* **Total Count**: 17 old subcategories are mapped to the hypothetical 08.08 - Other construction machines.
* **Notes**:
  + The new system (Code: 08) has 7 specific categories, while the old system (field\_id: 1000) has 36, leading to numerous unmatched items.
  + I’ve assigned 08.08 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Rüttelplatten, Pumpen) have partial overlaps with 08.02 or 08.04, but their broader or distinct nature justifies placement in "Others."

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1100)!

pleas eproceed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1100 ("Verfahrenstechnik u. Chemieanlagen" or "Process equipment and Chemical plants"). I’ll compare this with the corresponding section in the new system from the first document, Code: 12 ("Verfahrenstechnik und Chemieingenieurwesen" or "Process engineering and chemical engineering"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 12.

Since Code: 12 doesn’t explicitly list an "Others" subcategory, I’ll assume 12.08 - Sonstige Verfahrenstechnik und Chemieingenieurwesen ("Other process engineering and chemical engineering") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Process Engineering and Chemical Plant Categories**

**Old System (Second Document, field\_id: 1100)**

The old system lists 16 subcategories under "Verfahrenstechnik u. Chemieanlagen" (Process equipment and Chemical plants):

1. 1100.1.0 - Automation (Automation)
2. 1100.2.0 - Dekanter (Decanter)
3. 1100.3.0 - Filteranlagen (Filter systems)
4. 1100.4.0 - Gebläse (Blowers)
5. 1100.5.0 - Ionentauscher (Ion exchangers)
6. 1100.6.0 - Kammerfilterpressen (Chamber filter-press)
7. 1100.7.0 - Kompressoren (Compressors)
8. 1100.8.0 - Lagerbehälter u. tanks (Storage containers and tanks)
9. 1100.9.0 - Mischanlagen (Mixing machines)
10. 1100.10.0 - Mühlen (Mills)
11. 1100.11.0 - Papierherstellung (Paper production)
12. 1100.12.0 - Pressen (Presses)
13. 1100.13.0 - Pumpen (Pumps)
14. 1100.14.0 - Sonstige Maschinen u. Anlagen (Other machinery and plants)
15. 1100.15.0 - Wasseraufbereitungsanlagen (Water treatment equipment)
16. 1100.16.0 - Zentrifugen (Centrifuges)

**New System (First Document, Code: 12)**

The new system lists 7 subcategories under "Verfahrenstechnik und Chemieingenieurwesen" (Process engineering and chemical engineering), with sub-subcategories:

1. 12.01 - Mischer und Rührwerke (Mixers and agitators)
   * 12.01.01 - Farbbandmischer (Ribbon blenders)
   * 12.01.02 - Planetenmischer (Planetary mixers)
   * 12.01.03 - Aufwiegler (Agitators)
2. 12.02 - Reaktoren und Gefäße (Reactors and vessels)
   * 12.02.01 - Batch-Reaktoren (Batch reactors)
   * 12.02.02 - Kontinuierliche Reaktoren (Continuous reactors)
3. 12.03 - Wärmetauscher (Heat exchangers)
   * 12.03.01 - Rohrbündelwärmetauscher (Shell and tube heat exchangers)
   * 12.03.02 - Plattenwärmetauscher (Plate heat exchangers)
4. 12.04 - Abscheideanlagen (Separation systems)
   * 12.04.01 - Zentrifugen (Centrifuges)
   * 12.04.02 - Filter (Filters)
   * 12.04.03 - Destillationskolonnen (Distillation columns)
5. 12.05 - Pumpen (Pumps)
   * 12.05.01 - Zentrifugalpumpen (Centrifugal pumps)
   * 12.05.02 - Verdrängerpumpen (Positive displacement pumps)
6. 12.06 - Ventile und Armaturen (Valves and fittings)
   * (No sub-subcategories listed)
7. 12.07 - Vakuumtechnik (Vacuum technology)
   * 12.07.01 - Drehschieberpumpen (Rotary vane pumps)
   * 12.07.02 - Membranpumpen (Diaphragm pumps)
   * 12.07.03 - Turbomolekularpumpen (Turbomolecular pumps)
   * 12.07.04 - Vakuumkammern (Vacuum chambers)
   * 12.07.05 - Vakuumöfen (Vacuum furnaces)
   * 12.07.06 - Vakuummessgeräte (Vacuum gauges)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1100.3.0 - Filteranlagen** → **12.04 - Abscheideanlagen** (specifically 12.04.02 - Filter)
* **1100.9.0 - Mischanlagen** → **12.01 - Mischer und Rührwerke**
* **1100.13.0 - Pumpen** → **12.05 - Pumpen**
* **1100.16.0 - Zentrifugen** → **12.04 - Abscheideanlagen** (specifically 12.04.01 - Zentrifugen)

**Mapped to "Others" (Hypothetical 12.08)**

The following old subcategories don’t have a specific match in 12.01 to 12.07 and will be assigned to the implicit 12.08 - Other process engineering and chemical engineering:

1. **1100.1.0 - Automation** (Automation) - No direct match (possibly fits under Code: 16, but not here).
2. **1100.2.0 - Dekanter** (Decanter) - No direct match (related to separation, but distinct from centrifuges/filters).
3. **1100.4.0 - Gebläse** (Blowers) - No direct match.
4. **1100.5.0 - Ionentauscher** (Ion exchangers) - No direct match.
5. **1100.6.0 - Kammerfilterpressen** (Chamber filter-press) - No direct match (related to 12.04.02, but distinct).
6. **1100.7.0 - Kompressoren** (Compressors) - No direct match.
7. **1100.8.0 - Lagerbehälter u. tanks** (Storage containers and tanks) - No direct match (related to 12.02, but broader).
8. **1100.10.0 - Mühlen** (Mills) - No direct match.
9. **1100.11.0 - Papierherstellung** (Paper production) - No direct match (possibly fits under Code: 07 or 18).
10. **1100.12.0 - Pressen** (Presses) - No direct match.
11. **1100.14.0 - Sonstige Maschinen u. Anlagen** (Other machinery and plants) - Inherently maps to "Others."
12. **1100.15.0 - Wasseraufbereitungsanlagen** (Water treatment equipment) - No direct match (related to separation, but broader).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1100 mapped to the hypothetical "Others" category (12.08):

json

Collapse

Wrap

Copy

[

{

"old\_code": "1100.1.0",

"old\_subcategory\_name": "Automation",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.2.0",

"old\_subcategory\_name": "Dekanter",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.4.0",

"old\_subcategory\_name": "Gebläse",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.5.0",

"old\_subcategory\_name": "Ionentauscher",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.6.0",

"old\_subcategory\_name": "Kammerfilterpressen",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.7.0",

"old\_subcategory\_name": "Kompressoren",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.8.0",

"old\_subcategory\_name": "Lagerbehälter u. tanks",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.10.0",

"old\_subcategory\_name": "Mühlen",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.11.0",

"old\_subcategory\_name": "Papierherstellung",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.12.0",

"old\_subcategory\_name": "Pressen",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.14.0",

"old\_subcategory\_name": "Sonstige Maschinen u. Anlagen",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

},

{

"old\_code": "1100.15.0",

"old\_subcategory\_name": "Wasseraufbereitungsanlagen",

"new\_code": "12.08",

"new\_category\_name": "Other process engineering and chemical engineering"

}

]

**Summary**

* **Total Count**: 12 old subcategories are mapped to the hypothetical 12.08 - Other process engineering and chemical engineering.
* **Notes**:
  + The new system (Code: 12) has 7 specific categories, while the old system (field\_id: 1100) has 16, leading to several unmatched items.
  + I’ve assigned 12.08 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Dekanter, Kammerfilterpressen) are related to 12.04 (separation), but their distinct nature justifies placement in "Others" unless explicitly matched.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1200)!

please proceed with next id.

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1200 ("Pharmazeutische u. kosmetische Maschinen" or "Pharmaceutical and cosmetic machines"). I’ll compare this with the corresponding section in the new system from the first document, Code: 13 ("Pharmazeutische und medizinische Ausrüstung" or "Pharmaceutical and medical equipment"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 13.

Since Code: 13 doesn’t explicitly list an "Others" subcategory, I’ll assume 13.05 - Sonstige Pharmazeutische und medizinische Ausrüstung ("Other pharmaceutical and medical equipment") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Pharmaceutical and Cosmetic Machinery Categories**

**Old System (Second Document, field\_id: 1200)**

The old system lists 16 subcategories under "Pharmazeutische u. kosmetische Maschinen" (Pharmaceutical and cosmetic machines):

1. 1200.1.0 - Abwasseranlagen (Sewage works)
2. 1200.2.0 - Behälter (Containers)
3. 1200.3.0 - Dampferzeugung (Boiler)
4. 1200.4.0 - Dosieranlagen (Dosing systems)
5. 1200.5.0 - Filtrieranlagen (Filtering units)
6. 1200.6.0 - Füll-, Verschliessmaschinen (Filling-, closing machines)
7. 1200.7.0 - Laboreinrichtungen (Laboratory installations)
8. 1200.8.0 - Mixer (Mixer)
9. 1200.9.0 - Mühlen (Mills)
10. 1200.10.0 - Öfen (Stoves)
11. 1200.11.0 - Pressen (Presses)
12. 1200.12.0 - Pumpen (Pumps)
13. 1200.13.0 - Reaktoren, Kessel, Behälter (Reactors, boilers, containers)
14. 1200.14.0 - Rühr-, Mischanlagen (Agitation and mixing plants)
15. 1200.15.0 - Sonstige Maschinen (Other machinery)
16. 1200.16.0 - Wärmeaustauscher (Heat exchangers)

**New System (First Document, Code: 13)**

The new system lists 4 subcategories under "Pharmazeutische und medizinische Ausrüstung" (Pharmaceutical and medical equipment), with sub-subcategories:

1. 13.01 - Pharmazeutische Verarbeitung (Pharmaceutical processing)
   * 13.01.01 - Tablettenpressen (Tablet presses)
   * 13.01.02 - Kapselabfüllmaschinen (Capsule filling machines)
   * 13.01.03 - Beschichtungsmaschinen (Coating machines)
   * 13.01.04 - Granulatoren (Granulators)
2. 13.02 - Laborausrüstung (Laboratory equipment)
   * 13.02.01 - Analytische Instrumente (Analytical instruments)
   * 13.02.02 - Mikroskope (Microscopes)
3. 13.03 - Sterilisationsgeräte (Sterilization equipment)
   * 13.03.01 - Autoklaven (Autoclaves)
   * 13.03.02 - Heißluft-Sterilisatoren (Hot air sterilizers)
4. 13.04 - Medizinische Bildgebung (Medical imaging)
   * 13.04.01 - Röntgengeräte (X-ray machines)
   * 13.04.02 - Ultraschallgeräte (Ultrasound machines)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1200.6.0 - Füll-, Verschliessmaschinen** → **13.01 - Pharmazeutische Verarbeitung** (e.g., 13.01.02 - Kapselabfüllmaschinen, though broader)
* **1200.7.0 - Laboreinrichtungen** → **13.02 - Laborausrüstung**
* **1200.11.0 - Pressen** → **13.01 - Pharmazeutische Verarbeitung** (specifically 13.01.01 - Tablettenpressen)

**Mapped to "Others" (Hypothetical 13.05)**

The following old subcategories don’t have a specific match in 13.01 to 13.04 and will be assigned to the implicit 13.05 - Other pharmaceutical and medical equipment:

1. **1200.1.0 - Abwasseranlagen** (Sewage works) - No direct match.
2. **1200.2.0 - Behälter** (Containers) - No direct match (related to 13.01, but broader).
3. **1200.3.0 - Dampferzeugung** (Boiler) - No direct match.
4. **1200.4.0 - Dosieranlagen** (Dosing systems) - No direct match (related to filling, but distinct).
5. **1200.5.0 - Filtrieranlagen** (Filtering units) - No direct match.
6. **1200.8.0 - Mixer** (Mixer) - No direct match.
7. **1200.9.0 - Mühlen** (Mills) - No direct match.
8. **1200.10.0 - Öfen** (Stoves) - No direct match (related to 13.03, but broader).
9. **1200.12.0 - Pumpen** (Pumps) - No direct match.
10. **1200.13.0 - Reaktoren, Kessel, Behälter** (Reactors, boilers, containers) - No direct match.
11. **1200.14.0 - Rühr-, Mischanlagen** (Agitation and mixing plants) - No direct match (related to Mixer, but broader).
12. **1200.15.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
13. **1200.16.0 - Wärmeaustauscher** (Heat exchangers) - No direct match.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1200 mapped to the hypothetical "Others" category (13.05):

json

Collapse

Wrap

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[

{

"old\_code": "1200.1.0",

"old\_subcategory\_name": "Abwasseranlagen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.2.0",

"old\_subcategory\_name": "Behälter",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.3.0",

"old\_subcategory\_name": "Dampferzeugung",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.4.0",

"old\_subcategory\_name": "Dosieranlagen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.5.0",

"old\_subcategory\_name": "Filtrieranlagen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.8.0",

"old\_subcategory\_name": "Mixer",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.9.0",

"old\_subcategory\_name": "Mühlen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.10.0",

"old\_subcategory\_name": "Öfen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.12.0",

"old\_subcategory\_name": "Pumpen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.13.0",

"old\_subcategory\_name": "Reaktoren, Kessel, Behälter",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.14.0",

"old\_subcategory\_name": "Rühr-, Mischanlagen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.15.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1200.16.0",

"old\_subcategory\_name": "Wärmeaustauscher",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

}

]

**Summary**

* **Total Count**: 13 old subcategories are mapped to the hypothetical 13.05 - Other pharmaceutical and medical equipment.
* **Notes**:
  + The new system (Code: 13) has 4 specific categories, while the old system (field\_id: 1200) has 16, leading to numerous unmatched items.
  + I’ve assigned 13.05 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Dosieranlagen, Rühr-, Mischanlagen) are related to 13.01 (pharmaceutical processing), but their broader or distinct nature justifies placement in "Others" unless explicitly matched.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1300)!

please proceed with next id -

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1300 ("Medizintechnik" or "Medical equipment"). I’ll compare this with the corresponding section in the new system from the first document, Code: 13 ("Pharmazeutische und medizinische Ausrüstung" or "Pharmaceutical and medical equipment"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 13.

Since Code: 13 doesn’t explicitly list an "Others" subcategory, I’ll assume 13.05 - Sonstige Pharmazeutische und medizinische Ausrüstung ("Other pharmaceutical and medical equipment") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Medical Equipment Categories**

**Old System (Second Document, field\_id: 1300)**

The old system lists 12 subcategories under "Medizintechnik" (Medical equipment):

1. 1300.1.0 - Beatmungstechnik (Breathing systems)
2. 1300.2.0 - Bildgebende Systeme (Imaging systems)
3. 1300.3.0 - Diagnosegeräte (Diagnostic equipment)
4. 1300.4.0 - Dialysetechnik (Dialysis equipment)
5. 1300.5.0 - Elektromedizinische Geräte (Electro-medical apparatus)
6. 1300.6.0 - Krankenhauseinrichtungen (Hospital equipment)
7. 1300.7.0 - Labortechnik (Laboratory equipment)
8. 1300.8.0 - Operationseinrichtungen (Operation facilities)
9. 1300.9.0 - Pumpen (Pumps)
10. 1300.10.0 - Sonstige Maschinen (Other machinery)
11. 1300.11.0 - Ultraschall (Ultrasound)
12. 1300.12.0 - Zahnmedizin (Dentistry)

**New System (First Document, Code: 13)**

The new system lists 4 subcategories under "Pharmazeutische und medizinische Ausrüstung" (Pharmaceutical and medical equipment), with sub-subcategories:

1. 13.01 - Pharmazeutische Verarbeitung (Pharmaceutical processing)
   * 13.01.01 - Tablettenpressen (Tablet presses)
   * 13.01.02 - Kapselabfüllmaschinen (Capsule filling machines)
   * 13.01.03 - Beschichtungsmaschinen (Coating machines)
   * 13.01.04 - Granulatoren (Granulators)
2. 13.02 - Laborausrüstung (Laboratory equipment)
   * 13.02.01 - Analytische Instrumente (Analytical instruments)
   * 13.02.02 - Mikroskope (Microscopes)
3. 13.03 - Sterilisationsgeräte (Sterilization equipment)
   * 13.03.01 - Autoklaven (Autoclaves)
   * 13.03.02 - Heißluft-Sterilisatoren (Hot air sterilizers)
4. 13.04 - Medizinische Bildgebung (Medical imaging)
   * 13.04.01 - Röntgengeräte (X-ray machines)
   * 13.04.02 - Ultraschallgeräte (Ultrasound machines)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1300.2.0 - Bildgebende Systeme** → **13.04 - Medizinische Bildgebung** (e.g., 13.04.01 - Röntgengeräte)
* **1300.7.0 - Labortechnik** → **13.02 - Laborausrüstung**
* **1300.11.0 - Ultraschall** → **13.04 - Medizinische Bildgebung** (specifically 13.04.02 - Ultraschallgeräte)

**Mapped to "Others" (Hypothetical 13.05)**

The following old subcategories don’t have a specific match in 13.01 to 13.04 and will be assigned to the implicit 13.05 - Other pharmaceutical and medical equipment:

1. **1300.1.0 - Beatmungstechnik** (Breathing systems) - No direct match.
2. **1300.3.0 - Diagnosegeräte** (Diagnostic equipment) - No direct match (related to 13.04, but broader).
3. **1300.4.0 - Dialysetechnik** (Dialysis equipment) - No direct match.
4. **1300.5.0 - Elektromedizinische Geräte** (Electro-medical apparatus) - No direct match.
5. **1300.6.0 - Krankenhauseinrichtungen** (Hospital equipment) - No direct match.
6. **1300.8.0 - Operationseinrichtungen** (Operation facilities) - No direct match.
7. **1300.9.0 - Pumpen** (Pumps) - No direct match.
8. **1300.10.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
9. **1300.12.0 - Zahnmedizin** (Dentistry) - No direct match.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1300 mapped to the hypothetical "Others" category (13.05):

json

Collapse

Wrap

Copy

[

{

"old\_code": "1300.1.0",

"old\_subcategory\_name": "Beatmungstechnik",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.3.0",

"old\_subcategory\_name": "Diagnosegeräte",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.4.0",

"old\_subcategory\_name": "Dialysetechnik",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.5.0",

"old\_subcategory\_name": "Elektromedizinische Geräte",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.6.0",

"old\_subcategory\_name": "Krankenhauseinrichtungen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.8.0",

"old\_subcategory\_name": "Operationseinrichtungen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.9.0",

"old\_subcategory\_name": "Pumpen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.10.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

},

{

"old\_code": "1300.12.0",

"old\_subcategory\_name": "Zahnmedizin",

"new\_code": "13.05",

"new\_category\_name": "Other pharmaceutical and medical equipment"

}

]

**Summary**

* **Total Count**: 9 old subcategories are mapped to the hypothetical 13.05 - Other pharmaceutical and medical equipment.
* **Notes**:
  + The new system (Code: 13) has 4 specific categories, while the old system (field\_id: 1300) has 12, leading to several unmatched items.
  + I’ve assigned 13.05 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Diagnosegeräte) are related to 13.04 (medical imaging), but their broader scope justifies placement in "Others" unless explicitly matched.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1400)!

proceed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1400 ("Automatisierungstechnik" or "Automation technology"). I’ll compare this with the corresponding section in the new system from the first document, Code: 16 ("Automatisierung & Robotik" or "Automation & Robotics"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 16.

Since Code: 16 doesn’t explicitly list an "Others" subcategory, I’ll assume 16.04 - Sonstige Automatisierung & Robotik ("Other automation & robotics") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Automation Technology Categories**

**Old System (Second Document, field\_id: 1400)**

The old system lists 8 subcategories under "Automatisierungstechnik" (Automation technology):

1. 1400.1.0 - Bestückungstechnik (Placement technology)
2. 1400.2.0 - Handhabungs-Manipulatoren (Manipulators)
3. 1400.3.0 - Montagemaschinen (Assembly systems)
4. 1400.4.0 - Positioniermaschinen (Positioning systems)
5. 1400.5.0 - Schaltanlagen (Switchgears and controlgears)
6. 1400.6.0 - Sonstige Maschinen (Other machinery)
7. 1400.7.0 - Sortiermaschinen (Sorting device)
8. 1400.8.0 - Steuerungen (Steerings)

**New System (First Document, Code: 16)**

The new system lists 3 subcategories under "Automatisierung & Robotik" (Automation & Robotics), with sub-subcategories:

1. 16.01 - Industrieroboter (Industrial robots)
   * 16.01.01 - Knickarmroboter (Articulated robots)
   * 16.01.02 - SCARA-Roboter (SCARA robots)
   * 16.01.03 - Pick-and-Place-Roboter (Pick-and-place robots)
2. 16.02 - Kontrollsysteme (Control systems)
   * 16.02.01 - PLCs (Programmable Logic Controllers)
   * 16.02.02 - Sensoren (Sensors)
   * 16.02.03 - HMIs (Human-Machine Interfaces)
3. 16.03 - Automatisierung von Förderanlagen (Automation of conveyor systems)
   * 16.03.01 - Gurtförderer (Belt conveyors)
   * 16.03.02 - Roboter-Förderer (Robotic conveyors)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1400.1.0 - Bestückungstechnik** → **16.01 - Industrieroboter** (specifically 16.01.03 - Pick-and-Place-Roboter, as placement technology often involves pick-and-place automation)
* **1400.2.0 - Handhabungs-Manipulatoren** → **16.01 - Industrieroboter** (e.g., 16.01.01 - Knickarmroboter or 16.01.02 - SCARA-Roboter, as manipulators align with robotic handling)
* **1400.8.0 - Steuerungen** → **16.02 - Kontrollsysteme** (e.g., 16.02.01 - PLCs, as steerings/control aligns with PLCs and control systems)

**Mapped to "Others" (Hypothetical 16.04)**

The following old subcategories don’t have a specific match in 16.01 to 16.03 and will be assigned to the implicit 16.04 - Other automation & robotics:

1. **1400.3.0 - Montagemaschinen** (Assembly systems) - No direct match (related to automation, but not specific to robots or conveyors).
2. **1400.4.0 - Positioniermaschinen** (Positioning systems) - No direct match (related to robotics, but broader).
3. **1400.5.0 - Schaltanlagen** (Switchgears and controlgears) - No direct match (related to control systems, but distinct).
4. **1400.6.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
5. **1400.7.0 - Sortiermaschinen** (Sorting device) - No direct match (related to automation, but not specific to robots or conveyors).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1400 mapped to the hypothetical "Others" category (16.04):

json

Collapse

Wrap

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[

{

"old\_code": "1400.3.0",

"old\_subcategory\_name": "Montagemaschinen",

"new\_code": "16.04",

"new\_category\_name": "Other automation & robotics"

},

{

"old\_code": "1400.4.0",

"old\_subcategory\_name": "Positioniermaschinen",

"new\_code": "16.04",

"new\_category\_name": "Other automation & robotics"

},

{

"old\_code": "1400.5.0",

"old\_subcategory\_name": "Schaltanlagen",

"new\_code": "16.04",

"new\_category\_name": "Other automation & robotics"

},

{

"old\_code": "1400.6.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "16.04",

"new\_category\_name": "Other automation & robotics"

},

{

"old\_code": "1400.7.0",

"old\_subcategory\_name": "Sortiermaschinen",

"new\_code": "16.04",

"new\_category\_name": "Other automation & robotics"

}

]

**Summary**

* **Total Count**: 5 old subcategories are mapped to the hypothetical 16.04 - Other automation & robotics.
* **Notes**:
  + The new system (Code: 16) has 3 specific categories, while the old system (field\_id: 1400) has 8, leading to several unmatched items.
  + I’ve assigned 16.04 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Montagemaschinen, Sortiermaschinen) are related to automation broadly, but lack a specific match in the new system’s focus on robots, control systems, and conveyors.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1500)!

proceed with next id

Let’s proceed with the next ID from the old system in the second document. The next ID after field\_id: 1400 is field\_id: 1500 ("Robotik" or "Robotics"). However, there’s also an entry for field\_id: 1550 ("Mess-, Prüftechnik" or "Measurement and testing") immediately following in sequence, but since 1500 appears first and you’ve requested the "next ID," I’ll start with 1500. I’ll compare this with the corresponding section in the new system from the first document, Code: 16 ("Automatisierung & Robotik" or "Automation & Robotics"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 16.

Since Code: 16 doesn’t explicitly list an "Others" subcategory, I’ll assume 16.04 - Sonstige Automatisierung & Robotik ("Other automation & robotics") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Robotics Categories**

**Old System (Second Document, field\_id: 1500)**

The old system lists only 1 subcategory under "Robotik" (Robotics):

1. 1500.1.0 - Robotik (Robotics)

**Note**: This appears to be a redundant entry, as 1500.1.0 repeats the category name "Robotik" without additional subcategories. It’s likely intended as a placeholder or an error in the original data. For completeness, I’ll treat it as a single entry representing robotics broadly and compare it to the new system.

**New System (First Document, Code: 16)**

The new system lists 3 subcategories under "Automatisierung & Robotik" (Automation & Robotics), with sub-subcategories:

1. 16.01 - Industrieroboter (Industrial robots)
   * 16.01.01 - Knickarmroboter (Articulated robots)
   * 16.01.02 - SCARA-Roboter (SCARA robots)
   * 16.01.03 - Pick-and-Place-Roboter (Pick-and-place robots)
2. 16.02 - Kontrollsysteme (Control systems)
   * 16.02.01 - PLCs (Programmable Logic Controllers)
   * 16.02.02 - Sensoren (Sensors)
   * 16.02.03 - HMIs (Human-Machine Interfaces)
3. 16.03 - Automatisierung von Förderanlagen (Automation of conveyor systems)
   * 16.03.01 - Gurtförderer (Belt conveyors)
   * 16.03.02 - Roboter-Förderer (Robotic conveyors)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1500.1.0 - Robotik** → **16.01 - Industrieroboter**  
  The broad category "Robotics" directly aligns with 16.01 - Industrieroboter, which covers industrial robots such as articulated robots, SCARA robots, and pick-and-place robots. Given that field\_id: 1500 is titled "Robotik" and its sole subcategory repeats this, it’s reasonable to map it to the robotics-specific category in the new system.

**Mapped to "Others" (Hypothetical 16.04)**

Since 1500.1.0 - Robotik finds a specific match in 16.01, there are no subcategories left to map to "Others" based on the provided data. The single entry is fully accounted for by the new system’s 16.01 category. However, if we interpret 1500.1.0 as broader than just industrial robots (e.g., encompassing non-industrial robotics or other automation not covered by 16.01 to 16.03), we could conservatively place it in "Others." Given the context and the lack of additional subcategories, I’ll assume it matches 16.01 unless you specify otherwise.

**Step 3: JSON Representation**

Since there’s a direct match and no unmatched subcategories based on the single entry:

* If we consider 1500.1.0 - Robotik fully matched to 16.01, the "Others" list would be empty.
* If we interpret it as broader and needing an "Others" assignment, it would be included.

To align with your request to identify items for "Others" and assuming the broadest interpretation (to ensure consistency with previous analyses where single categories were still evaluated), here’s the JSON treating 1500.1.0 as unmatched beyond the specific industrial robots:

json

Collapse

Wrap

Copy

[

{

"old\_code": "1500.1.0",

"old\_subcategory\_name": "Robotik",

"new\_code": "16.04",

"new\_category\_name": "Other automation & robotics"

}

]

**Alternative Interpretation**

If you prefer 1500.1.0 - Robotik to be mapped directly to 16.01 - Industrieroboter (which is likely the intent given the category title), the JSON would be empty:

json

Collapse

Wrap

Copy

[]

**Summary**

* **Total Count**: 1 old subcategory is tentatively mapped to the hypothetical 16.04 - Other automation & robotics under the broadest interpretation.
* **Notes**:
  + The old system (field\_id: 1500) has only 1 entry, "Robotik," which matches the new system’s 16.01 - Industrieroboter conceptually.
  + The new system (Code: 16) has 3 specific categories, and 16.01 directly covers robotics. However, since 1500.1.0 is a single, broad entry without subcategories, I’ve conservatively placed it in "Others" to account for any potential scope beyond industrial robots (e.g., service robots, which aren’t explicitly covered).
  + If you confirm that 1500.1.0 should map to 16.01 without needing "Others," I can adjust the output to an empty list.

Let me know your preference on this interpretation or if you’d like to proceed to the next ID (e.g., 1550)! Given the ambiguity, I’ll await your guidance before proceeding further, but I can tentatively move to 1550 if you’d like. Please clarify!

proceed with next id

Given your instruction to proceed with the next ID, and since field\_id: 1500 was the last processed with some ambiguity, I’ll move to the next ID in the old system from the second document, which is field\_id: 1550 ("Mess-, Prüftechnik" or "Measurement and testing"). I’ll compare this with the corresponding section in the new system from the first document. There isn’t a direct single category for "Measurement and testing" in the new system, but related topics appear under Code: 13 ("Pharmazeutische und medizinische Ausrüstung" - lab equipment), Code: 14 ("Elektronische Fertigungsanlagen" - testing in electronics), and potentially others. However, I’ll assume a broader "Others" category under a relevant code unless a specific match is found. Since no single code fully encapsulates "Measurement and testing," I’ll use Code: 19 ("Industrielle Komponenten und Ersatzteile") as a fallback, assuming 19.08 - Sonstige Industrielle Komponenten ("Other industrial components") as an implicit catch-all, unless a better fit emerges during mapping.

**Step 1: Extract Measurement and Testing Categories**

**Old System (Second Document, field\_id: 1550)**

The old system lists 7 subcategories under "Mess-, Prüftechnik" (Measurement and testing):

1. 1550.1.0 - Auswuchtmaschinen (Balancing machines)
2. 1550.2.0 - Koordinatenmessmaschinen (Local positioning technology)
3. 1550.3.0 - Meßsysteme (Measuring systems)
4. 1550.4.0 - Motorprüfstände (Engine test stations)
5. 1550.5.0 - Prüftische (Test bench)
6. 1550.6.0 - Sonstige Maschinen (Other machinery)
7. 1550.7.0 - Werkstoffprüfung (Material testing)

**New System (First Document, Relevant Sections)**

Relevant categories in the new system:

* **Code: 13 - Pharmazeutische und medizinische Ausrüstung** (Pharmaceutical and medical equipment):
  + 13.02 - Laborausrüstung (Laboratory equipment)
    - 13.02.01 - Analytische Instrumente (Analytical instruments)
    - 13.02.02 - Mikroskope (Microscopes)
* **Code: 14 - Elektronische Fertigungsanlagen** (Electronic manufacturing equipment):
  + 14.03 - Halbleiterausrüstung (Semiconductor equipment)
    - 14.03.01 - Wafer Processing Systems (Wafer processing systems)
    - 14.03.02 - Prüf- und Messgeräte (Test and measurement equipment)
* **Code: 19 - Industrielle Komponenten und Ersatzteile** (Industrial components and spare parts):
  + (No specific measurement/testing subcategory, but a broad category for industrial equipment)

**Note**: Code: 14.03.02 - Prüf- und Messgeräte (Test and measurement equipment) under electronic manufacturing is the closest specific match for some items, but field\_id: 1550 covers a broader scope (not limited to electronics). Since no single code fully aligns with "Measurement and testing" across industries, I’ll map specific matches where possible and use 19.08 - Sonstige Industrielle Komponenten ("Other industrial components") as the "Others" category for unmatched items, reflecting a general industrial context.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1550.2.0 - Koordinatenmessmaschinen** → **14.03 - Halbleiterausrüstung** (specifically 14.03.02 - Prüf- und Messgeräte, as coordinate measuring machines are often used in precision testing, including electronics)
* **1550.3.0 - Meßsysteme** → **14.03 - Halbleiterausrüstung** (specifically 14.03.02 - Prüf- und Messgeräte, as measuring systems fit under test and measurement equipment)

**Mapped to "Others" (Hypothetical 19.08)**

The following old subcategories don’t have a specific match in 13.02, 14.03, or other relevant categories and will be assigned to the implicit 19.08 - Other industrial components:

1. **1550.1.0 - Auswuchtmaschinen** (Balancing machines) - No direct match (specific to mechanical testing, not electronics or pharma).
2. **1550.4.0 - Motorprüfstände** (Engine test stations) - No direct match (specific to automotive/engineering, not covered).
3. **1550.5.0 - Prüftische** (Test bench) - No direct match (broad testing equipment, not specific to electronics or pharma).
4. **1550.6.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
5. **1550.7.0 - Werkstoffprüfung** (Material testing) - No direct match (broad industrial testing, not specific to listed categories).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1550 mapped to the hypothetical "Others" category (19.08):

json

Collapse

Wrap

Copy

[

{

"old\_code": "1550.1.0",

"old\_subcategory\_name": "Auswuchtmaschinen",

"new\_code": "19.08",

"new\_category\_name": "Other industrial components"

},

{

"old\_code": "1550.4.0",

"old\_subcategory\_name": "Motorprüfstände",

"new\_code": "19.08",

"new\_category\_name": "Other industrial components"

},

{

"old\_code": "1550.5.0",

"old\_subcategory\_name": "Prüftische",

"new\_code": "19.08",

"new\_category\_name": "Other industrial components"

},

{

"old\_code": "1550.6.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "19.08",

"new\_category\_name": "Other industrial components"

},

{

"old\_code": "1550.7.0",

"old\_subcategory\_name": "Werkstoffprüfung",

"new\_code": "19.08",

"new\_category\_name": "Other industrial components"

}

]

**Summary**

* **Total Count**: 5 old subcategories are mapped to the hypothetical 19.08 - Other industrial components.
* **Notes**:
  + The old system (field\_id: 1550) has 7 subcategories, while the new system lacks a dedicated "Measurement and testing" category across all industries.
  + 1550.2.0 - Koordinatenmessmaschinen and 1550.3.0 - Meßsysteme match 14.03.02 - Prüf- und Messgeräte under electronic manufacturing, leaving the rest unmatched.
  + I’ve chosen 19.08 as the "Others" category under "Industrial components and spare parts" because it’s a broad industrial catch-all, suitable for measurement and testing equipment not specific to electronics (Code: 14) or pharmaceuticals (Code: 13).
  + If you’d prefer a different "Others" code (e.g., under Code: 14 or Code: 24 - Sonstige Maschinen), let me know, and I can adjust!

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1600)!

please procced with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1600 ("Energietechnik" or "Energy management"). I’ll compare this with the corresponding section in the new system from the first document, Code: 11 ("Energie- und Kraftwerksausrüstung" or "Energy and power plant equipment"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 11.

Since Code: 11 doesn’t explicitly list an "Others" subcategory, I’ll assume 11.06 - Sonstige Energie- und Kraftwerksausrüstung ("Other energy and power plant equipment") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Energy Management Categories**

**Old System (Second Document, field\_id: 1600)**

The old system lists 18 subcategories under "Energietechnik" (Energy management):

1. 1600.1.0 - Blockheizkraftwerke (Block heats)
2. 1600.2.0 - Dampfkessel (Steam boilers)
3. 1600.3.0 - Dampfturbinen (Steam turbines)
4. 1600.4.0 - Gastechnik (Gas technology)
5. 1600.5.0 - Generatoren (Generators)
6. 1600.6.0 - Heizungen u. Gebläse (Heating and blowers)
7. 1600.7.0 - Komponenten u. Zubehör (Components and accessories)
8. 1600.8.0 - Notstromaggregate (Emergency power generators)
9. 1600.9.0 - Schaltanlagen u. -komponenten (Switchgears and controlgears)
10. 1600.10.0 - Sonstige Maschinen (Other machinery)
11. 1600.11.0 - Stromerzeuger (Generators)
12. 1600.12.0 - Transformatoren (Transformer)
13. 1600.13.0 - Wärmeaustauscher (Heat exchanger)
14. 1600.14.0 - Wasserkraftanlagen (Water-power plants)
15. 1600.15.0 - Klimaanlagen (Air conditioning)
16. 1600.16.0 - Motoren u. Turbinen (Motors and turbines)
17. 1600.17.0 - Kältemaschinentechnik (Refrigerator cooling)
18. 1600.18.0 - Drucklufttechnik, Kompressoren (Compressed-air)

**New System (First Document, Code: 11)**

The new system lists 5 subcategories under "Energie- und Kraftwerksausrüstung" (Energy and power plant equipment), with sub-subcategories:

1. 11.01 - Generatoren (Generators)
   * 11.01.01 - Dieselgeneratoren (Diesel generators)
   * 11.01.02 - Gasgeneratoren (Gas generators)
   * 11.01.03 - Tragbare Generatoren (Portable generators)
2. 11.02 - Kompressoren (Compressors)
   * 11.02.01 - Schraubenkompressoren (Screw compressors)
   * 11.02.02 - Kolbenkompressoren (Piston compressors)
   * 11.02.03 - Gas-Kompressoren (Gas compressors)
3. 11.03 - Transformatoren und elektrische Ausrüstung (Transformers and electrical equipment)
   * 11.03.01 - Leistungstransformatoren (Power transformers)
   * 11.03.02 - Verteilertransformatoren (Distribution transformers)
4. 11.04 - Erneuerbare Energiesysteme (Renewable energy systems)
   * 11.04.01 - Solarmodule (Solar panels)
   * 11.04.02 - Windturbinen (Wind turbines)
5. 11.05 - Motoren und Antriebe (Motors and drives)
   * 11.05.01 - AC-Motoren (AC motors)
   * 11.05.02 - Gleichstrommotoren (DC motors)
   * 11.05.03 - Servomotoren (Servo motors)
   * 11.05.04 - Dieselmotoren (Diesel engines)
   * 11.05.05 - Ottomotoren (Gasoline engines)
   * 11.05.06 - Gasmotoren (Gas engines)
   * 11.05.07 - Lichtmaschinen (Alternators)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1600.5.0 - Generatoren** → **11.01 - Generatoren**
* **1600.7.0 - Komponenten u. Zubehör** → **11.03 - Transformatoren und elektrische Ausrüstung** (broadly, as components could include electrical equipment; partial match)
* **1600.8.0 - Notstromaggregate** → **11.01 - Generatoren** (e.g., 11.01.01 - Dieselgeneratoren or 11.01.03 - Tragbare Generatoren)
* **1600.9.0 - Schaltanlagen u. -komponenten** → **11.03 - Transformatoren und elektrische Ausrüstung** (switchgears align with electrical equipment)
* **1600.11.0 - Stromerzeuger** → **11.01 - Generatoren** (synonymous with "Generators")
* **1600.12.0 - Transformatoren** → **11.03 - Transformatoren und elektrische Ausrüstung** (specifically 11.03.01 or 11.03.02)
* **1600.16.0 - Motoren u. Turbinen** → **11.05 - Motoren und Antriebe** (e.g., 11.05.01 - AC-Motoren, 11.05.04 - Dieselmotoren)
* **1600.18.0 - Drucklufttechnik, Kompressoren** → **11.02 - Kompressoren**

**Mapped to "Others" (Hypothetical 11.06)**

The following old subcategories don’t have a specific match in 11.01 to 11.05 and will be assigned to the implicit 11.06 - Other energy and power plant equipment:

1. **1600.1.0 - Blockheizkraftwerke** (Block heats) - No direct match (combined heat and power, broader than generators).
2. **1600.2.0 - Dampfkessel** (Steam boilers) - No direct match.
3. **1600.3.0 - Dampfturbinen** (Steam turbines) - No direct match (related to 11.05, but distinct).
4. **1600.4.0 - Gastechnik** (Gas technology) - No direct match (broad category).
5. **1600.6.0 - Heizungen u. Gebläse** (Heating and blowers) - No direct match.
6. **1600.10.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
7. **1600.13.0 - Wärmeaustauscher** (Heat exchanger) - No direct match.
8. **1600.14.0 - Wasserkraftanlagen** (Water-power plants) - No direct match (related to 11.04, but hydro-specific).
9. **1600.15.0 - Klimaanlagen** (Air conditioning) - No direct match.
10. **1600.17.0 - Kältemaschinentechnik** (Refrigerator cooling) - No direct match.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1600 mapped to the hypothetical "Others" category (11.06):

json

Collapse

Wrap

Copy

[

{

"old\_code": "1600.1.0",

"old\_subcategory\_name": "Blockheizkraftwerke",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.2.0",

"old\_subcategory\_name": "Dampfkessel",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.3.0",

"old\_subcategory\_name": "Dampfturbinen",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.4.0",

"old\_subcategory\_name": "Gastechnik",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.6.0",

"old\_subcategory\_name": "Heizungen u. Gebläse",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.10.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.13.0",

"old\_subcategory\_name": "Wärmeaustauscher",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.14.0",

"old\_subcategory\_name": "Wasserkraftanlagen",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.15.0",

"old\_subcategory\_name": "Klimaanlagen",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

},

{

"old\_code": "1600.17.0",

"old\_subcategory\_name": "Kältemaschinentechnik",

"new\_code": "11.06",

"new\_category\_name": "Other energy and power plant equipment"

}

]

**Summary**

* **Total Count**: 10 old subcategories are mapped to the hypothetical 11.06 - Other energy and power plant equipment.
* **Notes**:
  + The new system (Code: 11) has 5 specific categories, while the old system (field\_id: 1600) has 18, leading to several unmatched items.
  + I’ve assigned 11.06 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Wasserkraftanlagen) are related to 11.04 (renewable energy), and Dampfturbinen to 11.05 (motors and drives), but their specific nature justifies placement in "Others" unless explicitly matched.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1700)!

please procced with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1700 ("Sonstige Maschinen" or "Other machines"). I’ll compare this with the corresponding section in the new system from the first document, Code: 24 ("Sonstige Maschinen" or "Other machines"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 24.

Since Code: 24 in the new system only lists one subcategory (24.01 - Sonstiges or "Miscellaneous") and no further sub-subcategories, it inherently acts as a catch-all. However, for consistency with your previous instructions, I’ll treat any unmatched subcategories as falling under 24.01 - Sonstiges, assuming it’s the "Others" category unless a specific match is found elsewhere in the new system.

**Step 1: Extract Other Machines Categories**

**Old System (Second Document, field\_id: 1700)**

The old system lists 8 subcategories under "Sonstige Maschinen" (Other machines):

1. 1700.1.0 - Entsorgung, Recycling (Waste disposal, recycling)
2. 1700.2.0 - Glasmaschinen (Glass machinery)
3. 1700.3.0 - Keramik, Steine und Erde (Ceramics, stones and minerals)
4. 1700.4.0 - Klärtechnische Einrichtungen (Wastewater treatment)
5. 1700.5.0 - Kommunaltechnik (Municipal technique)
6. 1700.6.0 - Sondermaschinen (Special machines)
7. 1700.7.0 - Telekommunikations- u. Computertechnik (Telecommunication and computer)
8. 1700.8.0 - Vakuumtechnik (Vacuum technology)

**New System (First Document, Relevant Sections)**

The primary match is:

* **Code: 24 - Sonstige Maschinen** (Other machines):
  + 24.01 - Sonstiges (Miscellaneous)
    - (No sub-subcategories listed)

Other potentially relevant categories in the new system:

* **Code: 08 - Baumaschinen** (Construction machines):
  + 08.07 - Kommunale Ausrüstung (Municipal equipment)
    - 08.07.01 - Straßenkehrer (Street sweepers)
    - 08.07.04 - Recycling-Fahrzeuge (Recycling vehicles)
* **Code: 12 - Verfahrenstechnik und Chemieingenieurwesen** (Process engineering and chemical engineering):
  + 12.07 - Vakuumtechnik (Vacuum technology)
    - 12.07.01 - Drehschieberpumpen (Rotary vane pumps)
    - 12.07.02 - Membranpumpen (Diaphragm pumps)
    - 12.07.03 - Turbomolekularpumpen (Turbomolecular pumps)
    - 12.07.04 - Vakuumkammern (Vacuum chambers)
    - 12.07.05 - Vakuumöfen (Vacuum furnaces)
    - 12.07.06 - Vakuummessgeräte (Vacuum gauges)
* **Code: 17 - Büro- und Kommunikationstechnik** (Office and communication technology):
  + 17.02 - Kommunikationssysteme (Communication systems)
    - 17.02.01 - Telefonanlagen (Telephone systems)
    - 17.02.02 - VoIP-Systeme (VoIP systems)
    - 17.02.03 - Faxgeräte (Fax machines)
  + 17.03 - Computerausrüstung (Computer equipment)
    - 17.03.01 - Desktops (Desktops)
    - 17.03.02 - Laptops (Laptops)
    - 17.03.03 - Server (Servers)
    - 17.03.04 - Netzwerkausrüstung (Network equipment)
* **Code: 21 - Kläranlagen** (Wastewater treatment plants):
  + 21.01 - Filtersysteme (Filter systems)
    - 21.01.01 - Membranfilter (Membrane filters)
    - 21.01.02 - Sandfilter (Sand filters)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1700.4.0 - Klärtechnische Einrichtungen** → **21 - Kläranlagen** (Wastewater treatment plants)
* **1700.5.0 - Kommunaltechnik** → **08.07 - Kommunale Ausrüstung** (Municipal equipment)
* **1700.7.0 - Telekommunikations- u. Computertechnik** → **17 - Büro- und Kommunikationstechnik** (specifically 17.02 - Kommunikationssysteme and 17.03 - Computerausrüstung)
* **1700.8.0 - Vakuumtechnik** → **12.07 - Vakuumtechnik** (Vacuum technology)

**Mapped to "Others" (24.01)**

The following old subcategories don’t have a specific match in 08.07, 12.07, 17, or 21 and will be assigned to 24.01 - Sonstiges under "Other machines":

1. **1700.1.0 - Entsorgung, Recycling** (Waste disposal, recycling) - Partial overlap with 08.07.04 (Recycling-Fahrzeuge), but broader; no specific match elsewhere.
2. **1700.2.0 - Glasmaschinen** (Glass machinery) - No direct match.
3. **1700.3.0 - Keramik, Steine und Erde** (Ceramics, stones and minerals) - No direct match (partial overlap with 08.06 - Steinbearbeitung, but broader).
4. **1700.6.0 - Sondermaschinen** (Special machines) - No direct match (inherently miscellaneous).
5. **1700.10.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."

**Correction**: The original list I referenced had an error—1700.10.0 doesn’t exist in the provided data; it should be 1700.8.0 as the last entry. The correct count is 8 subcategories (1700.1.0 to 1700.8.0), and "Sonstige Maschinen" is correctly 1700.10.0 in some contexts but not here. I’ll adjust based on the provided list, ensuring accuracy.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1700 mapped to 24.01 - Sonstiges:

json

Collapse

Wrap

Copy

[

{

"old\_code": "1700.1.0",

"old\_subcategory\_name": "Entsorgung, Recycling",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1700.2.0",

"old\_subcategory\_name": "Glasmaschinen",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1700.3.0",

"old\_subcategory\_name": "Keramik, Steine und Erde",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1700.6.0",

"old\_subcategory\_name": "Sondermaschinen",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

}

]

**Summary**

* **Total Count**: 4 old subcategories are mapped to 24.01 - Sonstiges.
* **Notes**:
  + The old system (field\_id: 1700) has 8 subcategories, while Code: 24 has only 1 broad subcategory (24.01 - Sonstiges), acting as a catch-all.
  + Four subcategories (1700.4.0, 1700.5.0, 1700.7.0, 1700.8.0) matched specific categories elsewhere (21, 08.07, 17, 12.07), leaving the rest for 24.01.
  + I initially listed 1700.10.0 - Sonstige Maschinen due to a misstep, but corrected it based on the provided list ending at 1700.8.0. Since 1700 is inherently "Other machines," unmatched items naturally fit 24.01.
  + If "Sonstige Maschinen" was intended as a 9th entry (e.g., 1700.10.0), it would also map to 24.01, but it’s not present in the exact list provided.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1800)! If I’ve missed an intended 1700.10.0, please clarify!

proceed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1800 ("Fördertechnik" or "Materials handling technology"). I’ll compare this with the corresponding section in the new system from the first document, Code: 10 ("Materialtransport- und Lagersysteme" or "Material transport and storage systems"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 10.

Since Code: 10 doesn’t explicitly list an "Others" subcategory, I’ll assume 10.06 - Sonstige Materialtransport- und Lagersysteme ("Other material transport and storage systems") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Materials Handling Technology Categories**

**Old System (Second Document, field\_id: 1800)**

The old system lists 12 subcategories under "Fördertechnik" (Materials handling technology):

1. 1800.1.0 - Elektromotoren (Electric motors)
2. 1800.2.0 - Förderanlagen (Conveying machinery)
3. 1800.3.0 - Förderbänder (Conveyor belts)
4. 1800.4.0 - Hubtische (Lifting tables)
5. 1800.5.0 - Hubwagen (Jack lifts)
6. 1800.6.0 - Kettenzug-, u. Hebetechnik (Chain hoist and lift technology)
7. 1800.7.0 - Magnete (Magnets)
8. 1800.8.0 - Pumpen (Pumps)
9. 1800.9.0 - Rollenbahnen (Roll conveyors)
10. 1800.10.0 - Schüttgüterförderer (Bulk feeders)
11. 1800.11.0 - Sonstige Maschinen (Other machinery)
12. 1800.12.0 - Vibratoren (Vibrators)

**New System (First Document, Code: 10)**

The new system lists 5 subcategories under "Materialtransport- und Lagersysteme" (Material transport and storage systems), with sub-subcategories:

1. 10.01 - Gabelstapler (Forklifts)
   * 10.01.01 - Gegengewichtsgabelstapler (Counterbalance forklifts)
   * 10.01.02 - Schubmaststapler (Reach trucks)
   * 10.01.03 - Kommissionierer (Order pickers)
2. 10.02 - Förderer (Conveyors)
   * 10.02.01 - Gurtförderer (Belt conveyors)
   * 10.02.02 - Rollenförderer (Roller conveyors)
   * 10.02.03 - Schneckenförderer (Screw conveyors)
3. 10.03 - Kräne und Hebezeuge (Cranes and hoists)
   * 10.03.01 - Brückenkräne (Bridge cranes)
   * 10.03.02 - Brückenkräne (Bridge cranes) *(Note: Duplicate in original data)*
   * 10.03.03 - Auslegerkräne (Jib cranes)
4. 10.04 - Speichersysteme (Storage systems)
   * 10.04.01 - Palettenregale (Pallet racks)
   * 10.04.02 - Regalsysteme (Shelving systems)
   * 10.04.03 - Automatisierte Lager- und Bereitstellungssysteme (AS/RS) (Automated Storage and Retrieval Systems)
5. 10.05 - Hebezeuge (Lifting equipment)
   * 10.05.01 - Gabelhubwagen (Pallet trucks)
   * 10.05.02 - Scherenhubtische (Scissor lift tables)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1800.2.0 - Förderanlagen** → **10.02 - Förderer** (Conveyors, broadly covering conveying machinery)
* **1800.3.0 - Förderbänder** → **10.02 - Förderer** (specifically 10.02.01 - Gurtförderer, belt conveyors)
* **1800.4.0 - Hubtische** → **10.05 - Hebezeuge** (specifically 10.05.02 - Scherenhubtische, scissor lift tables)
* **1800.5.0 - Hubwagen** → **10.05 - Hebezeuge** (specifically 10.05.01 - Gabelhubwagen, pallet trucks)
* **1800.6.0 - Kettenzug-, u. Hebetechnik** → **10.03 - Kräne und Hebezeuge** (e.g., chain hoists align with hoisting equipment)
* **1800.9.0 - Rollenbahnen** → **10.02 - Förderer** (specifically 10.02.02 - Rollenförderer, roller conveyors)

**Mapped to "Others" (Hypothetical 10.06)**

The following old subcategories don’t have a specific match in 10.01 to 10.05 and will be assigned to the implicit 10.06 - Other material transport and storage systems:

1. **1800.1.0 - Elektromotoren** (Electric motors) - No direct match (component, not a handling system).
2. **1800.7.0 - Magnete** (Magnets) - No direct match (related to lifting, but not specific).
3. **1800.8.0 - Pumpen** (Pumps) - No direct match (not typically materials handling).
4. **1800.10.0 - Schüttgüterförderer** (Bulk feeders) - No direct match (related to 10.02.03 - Schneckenförderer, but broader).
5. **1800.11.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
6. **1800.12.0 - Vibratoren** (Vibrators) - No direct match (related to material movement, but not specific).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1800 mapped to the hypothetical "Others" category (10.06):

json

Collapse

Wrap

Copy

[

{

"old\_code": "1800.1.0",

"old\_subcategory\_name": "Elektromotoren",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1800.7.0",

"old\_subcategory\_name": "Magnete",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1800.8.0",

"old\_subcategory\_name": "Pumpen",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1800.10.0",

"old\_subcategory\_name": "Schüttgüterförderer",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1800.11.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1800.12.0",

"old\_subcategory\_name": "Vibratoren",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

}

]

**Summary**

* **Total Count**: 6 old subcategories are mapped to the hypothetical 10.06 - Other material transport and storage systems.
* **Notes**:
  + The new system (Code: 10) has 5 specific categories, while the old system (field\_id: 1800) has 12, leading to several unmatched items.
  + I’ve assigned 10.06 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Some items (e.g., Schüttgüterförderer) are related to 10.02 (conveyors), but their broader or distinct nature justifies placement in "Others" unless explicitly matched.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1850)!

please proceed with next id .

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1850 ("Lagertechnik" or "Material storage"). I’ll compare this with the corresponding section in the new system from the first document, Code: 10 ("Materialtransport- und Lagersysteme" or "Material transport and storage systems"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 10.

Since Code: 10 doesn’t explicitly list an "Others" subcategory, I’ll assume 10.06 - Sonstige Materialtransport- und Lagersysteme ("Other material transport and storage systems") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Material Storage Categories**

**Old System (Second Document, field\_id: 1850)**

The old system lists 26 subcategories under "Lagertechnik" (Material storage):

1. 1850.1.0 - Ameisen und Hubwagen (Lifting carts)
2. 1850.2.0 - Container (Container)
3. 1850.3.0 - Durchlaufregale (Live storage racks)
4. 1850.4.0 - Gitterboxen (Skeleton containers)
5. 1850.5.0 - Hallenbau (Hall construction)
6. 1850.6.0 - Hochregallager (High-bay warehouses)
7. 1850.7.0 - Hubtische (Elevating platforms)
8. 1850.8.0 - Kommissionierlager (Picking location)
9. 1850.9.0 - Kragarmregale (Cantilever shelves)
10. 1850.10.0 - Krane (Cranes)
11. 1850.11.0 - Lagerschränke für Gefahrstoffe (Camp cabinets for dangerous materials)
12. 1850.12.0 - Paletten (Pallets)
13. 1850.13.0 - Paletten-Einfahrregale (Pallets draw-pull shelves)
14. 1850.14.0 - Paletten-Freilagerregale (Pallet bonded warehouse shelves)
15. 1850.15.0 - Paternoster (Paternoster)
16. 1850.16.0 - Plattenlagerung (Palettes storing)
17. 1850.17.0 - Scherenhubtische (Shears elevating platforms)
18. 1850.18.0 - Schraubregale (Screwing shelves)
19. 1850.19.0 - Schwerlastregale (Heavy-duty shelves)
20. 1850.20.0 - Silos (Silos)
21. 1850.21.0 - Sonstige Maschinen (Other machinery)
22. 1850.22.0 - Stapelboxen (Stacking boxes)
23. 1850.23.0 - Stapler (Fork lifts)
24. 1850.24.0 - Steckregale (Putting shelves)
25. 1850.25.0 - Trolleyanlagen (Trolley-Systems)
26. 1850.26.0 - Weitspannregale (Far clamping shelves)

**New System (First Document, Code: 10)**

The new system lists 5 subcategories under "Materialtransport- und Lagersysteme" (Material transport and storage systems), with sub-subcategories:

1. 10.01 - Gabelstapler (Forklifts)
   * 10.01.01 - Gegengewichtsgabelstapler (Counterbalance forklifts)
   * 10.01.02 - Schubmaststapler (Reach trucks)
   * 10.01.03 - Kommissionierer (Order pickers)
2. 10.02 - Förderer (Conveyors)
   * 10.02.01 - Gurtförderer (Belt conveyors)
   * 10.02.02 - Rollenförderer (Roller conveyors)
   * 10.02.03 - Schneckenförderer (Screw conveyors)
3. 10.03 - Kräne und Hebezeuge (Cranes and hoists)
   * 10.03.01 - Brückenkräne (Bridge cranes)
   * 10.03.02 - Brückenkräne (Bridge cranes) *(Duplicate in original data)*
   * 10.03.03 - Auslegerkräne (Jib cranes)
4. 10.04 - Speichersysteme (Storage systems)
   * 10.04.01 - Palettenregale (Pallet racks)
   * 10.04.02 - Regalsysteme (Shelving systems)
   * 10.04.03 - Automatisierte Lager- und Bereitstellungssysteme (AS/RS) (Automated Storage and Retrieval Systems)
5. 10.05 - Hebezeuge (Lifting equipment)
   * 10.05.01 - Gabelhubwagen (Pallet trucks)
   * 10.05.02 - Scherenhubtische (Scissor lift tables)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1850.1.0 - Ameisen und Hubwagen** → **10.05 - Hebezeuge** (specifically 10.05.01 - Gabelhubwagen, as "Ameisen" refers to pallet trucks)
* **1850.3.0 - Durchlaufregale** → **10.04 - Speichersysteme** (e.g., 10.04.02 - Regalsysteme, as live storage racks fit shelving systems)
* **1850.6.0 - Hochregallager** → **10.04 - Speichersysteme** (e.g., 10.04.03 - AS/RS, as high-bay warehouses often use automated systems)
* **1850.7.0 - Hubtische** → **10.05 - Hebezeuge** (specifically 10.05.02 - Scherenhubtische, elevating platforms include scissor lift tables)
* **1850.9.0 - Kragarmregale** → **10.04 - Speichersysteme** (e.g., 10.04.02 - Regalsysteme, cantilever shelves are a type of shelving)
* **1850.10.0 - Krane** → **10.03 - Kräne und Hebezeuge** (e.g., 10.03.01 - Brückenkräne)
* **1850.13.0 - Paletten-Einfahrregale** → **10.04 - Speichersysteme** (e.g., 10.04.01 - Palettenregale, drive-in pallet racks fit pallet storage)
* **1850.17.0 - Scherenhubtische** → **10.05 - Hebezeuge** (specifically 10.05.02 - Scherenhubtische, scissor lift tables)
* **1850.19.0 - Schwerlastregale** → **10.04 - Speichersysteme** (e.g., 10.04.01 - Palettenregale or 10.04.02 - Regalsysteme, heavy-duty shelves fit storage systems)
* **1850.23.0 - Stapler** → **10.01 - Gabelstapler** (forklifts)

**Mapped to "Others" (Hypothetical 10.06)**

The following old subcategories don’t have a specific match in 10.01 to 10.05 and will be assigned to the implicit 10.06 - Other material transport and storage systems:

1. **1850.2.0 - Container** (Container) - No direct match (storage-related, but not a system).
2. **1850.4.0 - Gitterboxen** (Skeleton containers) - No direct match (similar to containers).
3. **1850.5.0 - Hallenbau** (Hall construction) - No direct match (infrastructure, not a storage system).
4. **1850.8.0 - Kommissionierlager** (Picking location) - No direct match (related to 10.01.03 - Kommissionierer, but broader).
5. **1850.11.0 - Lagerschränke für Gefahrstoffe** (Camp cabinets for dangerous materials) - No direct match.
6. **1850.12.0 - Paletten** (Pallets) - No direct match (component, not a system).
7. **1850.14.0 - Paletten-Freilagerregale** (Pallet bonded warehouse shelves) - No direct match (specific type not covered).
8. **1850.15.0 - Paternoster** (Paternoster) - No direct match (vertical storage system, not listed).
9. **1850.16.0 - Plattenlagerung** (Palettes storing) - No direct match (specific storage type).
10. **1850.18.0 - Schraubregale** (Screwing shelves) - No direct match (specific shelving type).
11. **1850.20.0 - Silos** (Silos) - No direct match (bulk storage, not covered).
12. **1850.21.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
13. **1850.22.0 - Stapelboxen** (Stacking boxes) - No direct match (component, not a system).
14. **1850.24.0 - Steckregale** (Putting shelves) - No direct match (specific shelving type).
15. **1850.25.0 - Trolleyanlagen** (Trolley-Systems) - No direct match (related to conveyors, but distinct).
16. **1850.26.0 - Weitspannregale** (Far clamping shelves) - No direct match (specific shelving type).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1850 mapped to the hypothetical "Others" category (10.06):

json

Collapse

Wrap

Copy

[

{

"old\_code": "1850.2.0",

"old\_subcategory\_name": "Container",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.4.0",

"old\_subcategory\_name": "Gitterboxen",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.5.0",

"old\_subcategory\_name": "Hallenbau",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.8.0",

"old\_subcategory\_name": "Kommissionierlager",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.11.0",

"old\_subcategory\_name": "Lagerschränke für Gefahrstoffe",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.12.0",

"old\_subcategory\_name": "Paletten",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.14.0",

"old\_subcategory\_name": "Paletten-Freilagerregale",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.15.0",

"old\_subcategory\_name": "Paternoster",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.16.0",

"old\_subcategory\_name": "Plattenlagerung",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.18.0",

"old\_subcategory\_name": "Schraubregale",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.20.0",

"old\_subcategory\_name": "Silos",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.21.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.22.0",

"old\_subcategory\_name": "Stapelboxen",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.24.0",

"old\_subcategory\_name": "Steckregale",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.25.0",

"old\_subcategory\_name": "Trolleyanlagen",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

},

{

"old\_code": "1850.26.0",

"old\_subcategory\_name": "Weitspannregale",

"new\_code": "10.06",

"new\_category\_name": "Other material transport and storage systems"

}

]

**Summary**

* **Total Count**: 16 old subcategories are mapped to the hypothetical 10.06 - Other material transport and storage systems.
* **Notes**:
  + The new system (Code: 10) has 5 specific categories, while the old system (field\_id: 1850) has 26, leading to numerous unmatched items.
  + I’ve assigned 10.06 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Many items (e.g., various shelving types like Schraubregale, Steckregale) are related to 10.04 - Speichersysteme, but their specific nature or lack of explicit mention justifies placement in "Others."

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 1900)!

proceed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 1900 ("Nutzfahrzeuge" or "Utility vehicles"). I’ll compare this with the most relevant section in the new system from the first document. There isn’t a direct equivalent category solely for "Utility vehicles" in the new system, but related topics appear under Code: 08 ("Baumaschinen" or "Construction machines"), particularly 08.07 - Kommunale Ausrüstung (Municipal equipment), and Code: 10 ("Materialtransport- und Lagersysteme" or "Material transport and storage systems") for certain vehicle types like forklifts. Since field\_id: 1900 focuses on utility vehicles broadly, I’ll map matches where possible and use a catch-all "Others" category. Given the broad nature, I’ll assume Code: 24 ("Sonstige Maschinen" or "Other machines") with 24.01 - Sonstiges ("Miscellaneous") as the implicit "Others" category unless specific matches are found elsewhere.

**Step 1: Extract Utility Vehicles Categories**

**Old System (Second Document, field\_id: 1900)**

The old system lists 17 subcategories under "Nutzfahrzeuge" (Utility vehicles):

1. 1900.1.0 - Abbruch u. Recycling u. Deponie (Abort and recycling and disposal)
2. 1900.2.0 - Anhänger (Trailers)
3. 1900.3.0 - Baumaschinen u. Erdbewegung (Construction machines and ground movement)
4. 1900.4.0 - Behälter (Containers)
5. 1900.5.0 - Betontechnik (Concrete engineering)
6. 1900.6.0 - Busse (Buses)
7. 1900.7.0 - Kipper (Dumper trucks)
8. 1900.8.0 - Kommunalfahrzeuge (Municipal vehicles)
9. 1900.9.0 - Krane (Cranes)
10. 1900.10.0 - Lastkraftwagen (Trucks)
11. 1900.11.0 - Sattelanhänger (Semitrailer)
12. 1900.12.0 - Schienen-, Luft-, Wasserfahrzeuge (Rail-, air-, water vehicles)
13. 1900.13.0 - Sonstige Maschinen (Other machinery)
14. 1900.14.0 - Stapler (Fork lifts)
15. 1900.15.0 - Transporter (Transporters)
16. 1900.16.0 - Zubehör (Accessories)
17. 1900.17.0 - Zugmaschinen (Tractors)

**New System (First Document, Relevant Sections)**

Relevant categories in the new system:

* **Code: 08 - Baumaschinen** (Construction machines):
  + 08.01 - Erdbewegungsmaschinen (Earth-moving machines)
    - 08.01.01 - Raupenbagger (Crawler excavators)
    - 08.01.02 - Radbagger (Wheeled excavators)
    - 08.01.03 - Kompaktlader (Skid Steer Loader)
    - 08.01.04 - Radlader (Wheel loaders)
    - 08.01.05 - Planierraupen (Bulldozers)
  + 08.03 - Hebezeuge (Lifting equipment)
    - 08.03.01 - Mobilkräne (Mobile cranes)
    - 08.03.02 - Turmkräne (Tower cranes)
    - 08.03.03 - Gabelstapler (Forklifts)
  + 08.04 - Betonausrüstung (Concrete equipment)
    - 08.04.01 - Betonmischer (Concrete mixers)
    - 08.04.02 - Betonpumpen (Concrete pumps)
    - 08.04.03 - Betonmischanlagen (Concrete batching plants)
  + 08.07 - Kommunale Ausrüstung (Municipal equipment)
    - 08.07.03 - Müllautos (Garbage trucks)
    - 08.07.04 - Recycling-Fahrzeuge (Recycling vehicles)
* **Code: 09 - Landwirtschaftliche Maschinen** (Agricultural machines):
  + 09.01 - Traktoren (Tractors)
    - 09.01.01 - Kompakttraktoren (Compact tractors)
    - 09.01.02 - Standard-Traktoren (Standard tractors)
* **Code: 10 - Materialtransport- und Lagersysteme** (Material transport and storage systems):
  + 10.01 - Gabelstapler (Forklifts)
    - 10.01.01 - Gegengewichtsgabelstapler (Counterbalance forklifts)
    - 10.01.02 - Schubmaststapler (Reach trucks)
    - 10.01.03 - Kommissionierer (Order pickers)
* **Code: 24 - Sonstige Maschinen** (Other machines):
  + 24.01 - Sonstiges (Miscellaneous)

**Note**: field\_id: 1900 covers a wide range of utility vehicles, some of which align with construction (Code: 08), agricultural (Code: 09), or material handling (Code: 10) categories. I’ll map specific matches and use 24.01 - Sonstiges as the "Others" category for unmatched items.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **1900.3.0 - Baumaschinen u. Erdbewegung** → **08.01 - Erdbewegungsmaschinen** (construction vehicles like excavators, loaders)
* **1900.5.0 - Betontechnik** → **08.04 - Betonausrüstung** (e.g., concrete mixers, pumps)
* **1900.7.0 - Kipper** → **08.01 - Erdbewegungsmaschinen** (dumper trucks align with earth-moving equipment)
* **1900.8.0 - Kommunalfahrzeuge** → **08.07 - Kommunale Ausrüstung** (e.g., 08.07.03 - Müllautos)
* **1900.9.0 - Krane** → **08.03 - Hebezeuge** (e.g., 08.03.01 - Mobilkräne)
* **1900.14.0 - Stapler** → **10.01 - Gabelstapler** (forklifts)
* **1900.17.0 - Zugmaschinen** → **09.01 - Traktoren** (tractors)

**Mapped to "Others" (24.01)**

The following old subcategories don’t have a specific match in 08, 09, or 10 and will be assigned to 24.01 - Sonstiges:

1. **1900.1.0 - Abbruch u. Recycling u. Deponie** (Abort and recycling and disposal) - Partial overlap with 08.07.04, but broader; no specific match.
2. **1900.2.0 - Anhänger** (Trailers) - No direct match (vehicle accessory).
3. **1900.4.0 - Behälter** (Containers) - No direct match (not a vehicle).
4. **1900.6.0 - Busse** (Buses) - No direct match (public transport, not covered).
5. **1900.10.0 - Lastkraftwagen** (Trucks) - No direct match (general trucks, not specific to construction or material handling).
6. **1900.11.0 - Sattelanhänger** (Semitrailer) - No direct match (trailer type).
7. **1900.12.0 - Schienen-, Luft-, Wasserfahrzeuge** (Rail-, air-, water vehicles) - No direct match (specialized vehicles).
8. **1900.13.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
9. **1900.15.0 - Transporter** (Transporters) - No direct match (general transport vehicles).
10. **1900.16.0 - Zubehör** (Accessories) - No direct match (not a vehicle).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 1900 mapped to 24.01 - Sonstiges:

json

Collapse

Wrap

Copy

[

{

"old\_code": "1900.1.0",

"old\_subcategory\_name": "Abbruch u. Recycling u. Deponie",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.2.0",

"old\_subcategory\_name": "Anhänger",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.4.0",

"old\_subcategory\_name": "Behälter",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.6.0",

"old\_subcategory\_name": "Busse",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.10.0",

"old\_subcategory\_name": "Lastkraftwagen",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.11.0",

"old\_subcategory\_name": "Sattelanhänger",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.12.0",

"old\_subcategory\_name": "Schienen-, Luft-, Wasserfahrzeuge",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.13.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.15.0",

"old\_subcategory\_name": "Transporter",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "1900.16.0",

"old\_subcategory\_name": "Zubehör",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

}

]

**Summary**

* **Total Count**: 10 old subcategories are mapped to 24.01 - Sonstiges.
* **Notes**:
  + The old system (field\_id: 1900) has 17 subcategories, while the new system lacks a dedicated "Utility vehicles" category, requiring mapping to specific codes (08, 09, 10) where applicable.
  + Seven subcategories found matches in 08, 09, and 10, leaving the rest for 24.01 - Sonstiges as a broad catch-all.
  + I’ve used 24.01 instead of creating an "Others" under a more specific code (e.g., 08.08) because field\_id: 1900 includes vehicles beyond construction, agriculture, or material handling scopes.
  + If you’d prefer a different "Others" category (e.g., under Code: 08), let me know!

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 2100)!

please proceed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 2100 ("Restposten" or "Surplus goods"). I’ll compare this with the most relevant section in the new system from the first document. The new system doesn’t have a direct equivalent category for "Surplus goods" as a standalone machinery category, but related concepts appear under Code: 23 ("Überschüssiges Inventar und Liquidationen" or "Surplus inventory and liquidations"). I’ll map matches where possible and use an "Others" category for unmatched items. Given the nature of field\_id: 2100, I’ll assume Code: 23 with 23.05 - Sonstiges Überschüssiges Inventar ("Other surplus inventory") as the implicit "Others" category unless specific matches are found elsewhere.

**Step 1: Extract Surplus Goods Categories**

**Old System (Second Document, field\_id: 2100)**

The old system lists 2 subcategories under "Restposten" (Surplus goods):

1. 2100.1.0 - Restposten (Surplus goods)
2. 2100.2.0 - Restposten (Surplus goods) *(Note: Appears as a duplicate in the original data)*

**Note**: The data provided shows 2100.1.0 - Restposten and an earlier erroneous reference to 2100.2.0 elsewhere, but the correct list from the document only includes 2100.1.0 - Restposten (line 450) and no additional 2100.2.0. It seems the intent was a single entry, likely a placeholder or error with duplication. For accuracy, I’ll treat field\_id: 2100 as having one subcategory (2100.1.0) and map it accordingly.

**New System (First Document, Relevant Sections)**

Relevant category in the new system:

* **Code: 23 - Überschüssiges Inventar und Liquidationen** (Surplus inventory and liquidations):
  + 23.01 - Überschüssige Maschinen (Surplus machines)
  + 23.02 - Liquidation Sales (Liquidation sales)
  + 23.03 - Werksschließungen (Plant closures)
  + 23.04 - Gebrauchte Teile und Komponenten (Used parts and components)

**Note**: field\_id: 2100 is a broad category for surplus goods, which aligns with Code: 23 conceptually. Since 2100.1.0 - Restposten repeats the category name without further detail, it’s reasonable to map it to the overarching intent of Code: 23.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **2100.1.0 - Restposten** → **23.01 - Überschüssige Maschinen**  
  The term "Restposten" (surplus goods) in the context of machinery aligns with "Surplus machines" (23.01), as it likely refers to excess or leftover machinery stock. This is a specific match within Code: 23.

**Mapped to "Others" (Hypothetical 23.05)**

Since 2100.1.0 - Restposten finds a specific match in 23.01, there are no additional subcategories to map to "Others" based on the provided data. The single entry is fully accounted for by 23.01. However, if we interpret 2100.1.0 as broader than just surplus machines (e.g., including non-machinery surplus goods), we could place it in an "Others" category. Given the context of machinery-focused data and your request to identify "Others," I’ll conservatively assume it matches 23.01 unless you specify a broader intent.

**Step 3: JSON Representation**

Since 2100.1.0 - Restposten matches 23.01 - Überschüssige Maschinen, the "Others" list would be empty under a strict interpretation:

json

Collapse

Wrap

Copy

[]

However, to align with your consistent request to populate an "Others" category and assuming the broadest interpretation (e.g., surplus goods beyond just machines), here’s the JSON mapping it to a hypothetical 23.05 - Sonstiges Überschüssiges Inventar:

json

Collapse

Wrap

Copy

[

{

"old\_code": "2100.1.0",

"old\_subcategory\_name": "Restposten",

"new\_code": "23.05",

"new\_category\_name": "Other surplus inventory"

}

]

**Summary**

* **Total Count**: 1 old subcategory is tentatively mapped to the hypothetical 23.05 - Other surplus inventory under the broadest interpretation.
* **Notes**:
  + The old system (field\_id: 2100) has 1 subcategory (2100.1.0 - Restposten), which matches 23.01 - Überschüssige Maschinen in the new system (Code: 23) as surplus machinery.
  + Given only one entry and a clear match, the "Others" list could be empty. However, I’ve included it in 23.05 to reflect a potential broader scope (e.g., non-machinery surplus) and maintain consistency with your request.
  + If you confirm 2100.1.0 should strictly map to 23.01 without needing "Others," I can adjust to an empty list.

Let me know your preference on this interpretation or if you’d like to proceed to the next ID (e.g., 2400)! For now, I’ll assume the broader mapping and proceed unless instructed otherwise. Please confirm if you’d like me to adjust!

please proceed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 2400 ("Bergbau" or "Mining"). I’ll compare this with the most relevant section in the new system from the first document. There isn’t a direct equivalent category solely for "Mining" in the new system, but related concepts could partially align with Code: 08 ("Baumaschinen" or "Construction machines") for equipment like drilling or earth-moving machines, or Code: 24 ("Sonstige Maschinen" or "Other machines") as a catch-all. Since field\_id: 2400 focuses on mining-specific machinery, I’ll map matches where possible and use Code: 24 with 24.01 - Sonstiges ("Miscellaneous") as the implicit "Others" category unless specific matches are found elsewhere.

**Step 1: Extract Mining Categories**

**Old System (Second Document, field\_id: 2400)**

The old system lists 6 subcategories under "Bergbau" (Mining):

1. 2400.1.0 - Bohrmaschinen (Drilling machines)
2. 2400.2.0 - Fräsen (Milling)
3. 2400.3.0 - Sägen (Saws)
4. 2400.4.0 - Schleifmaschinen (Grinding machines)
5. 2400.5.0 - Sonstige Maschinen (Other machinery)
6. 2400.6.0 - Steinspaltmaschinen (Rock splitting machines)

**New System (First Document, Relevant Sections)**

Relevant categories in the new system:

* **Code: 08 - Baumaschinen** (Construction machines):
  + 08.05 - Bohrausrüstung (Drilling equipment)
    - 08.05.01 - Pfahlrammen (Pile drivers)
    - 08.05.02 - Drehbohranlagen (Rotary drilling rigs)
  + 08.06 - Steinbearbeitung (Stone processing)
    - 08.06.01 - Brückensägen (Bridge saws)
    - 08.06.02 - Drahtsägen (Wire saws)
    - 08.06.03 - Steinpoliermaschinen (Stone polishing machines)
    - 08.06.04 - Steingraviermaschinen (Stone engraving machines)
    - 08.06.05 - CNC-Steinbearbeitungszentren (CNC stone machining centers)
    - 08.06.06 - Steinspalter (Stone splitters)
* **Code: 24 - Sonstige Maschinen** (Other machines):
  + 24.01 - Sonstiges (Miscellaneous)

**Note**: field\_id: 2400 focuses on mining machinery, some of which align with construction equipment under Code: 08 (e.g., drilling, stone processing). I’ll map specific matches to 08 and use 24.01 - Sonstiges as the "Others" category for unmatched items.

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **2400.1.0 - Bohrmaschinen** → **08.05 - Bohrausrüstung** (e.g., 08.05.02 - Drehbohranlagen, drilling machines for mining)
* **2400.3.0 - Sägen** → **08.06 - Steinbearbeitung** (e.g., 08.06.02 - Drahtsägen, saws used in stone/mining contexts)
* **2400.6.0 - Steinspaltmaschinen** → **08.06 - Steinbearbeitung** (specifically 08.06.06 - Steinspalter, rock splitters)

**Mapped to "Others" (24.01)**

The following old subcategories don’t have a specific match in 08.05 or 08.06 and will be assigned to 24.01 - Sonstiges:

1. **2400.2.0 - Fräsen** (Milling) - No direct match (milling not typical in construction/mining categories).
2. **2400.4.0 - Schleifmaschinen** (Grinding machines) - No direct match (grinding not covered, despite 08.06.03 - Steinpoliermaschinen being related).
3. **2400.5.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 2400 mapped to 24.01 - Sonstiges:

json

Collapse

Wrap

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[

{

"old\_code": "2400.2.0",

"old\_subcategory\_name": "Fräsen",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "2400.4.0",

"old\_subcategory\_name": "Schleifmaschinen",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

},

{

"old\_code": "2400.5.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "24.01",

"new\_category\_name": "Miscellaneous"

}

]

**Summary**

* **Total Count**: 3 old subcategories are mapped to 24.01 - Sonstiges.
* **Notes**:
  + The old system (field\_id: 2400) has 6 subcategories, while the new system lacks a dedicated "Mining" category.
  + Three subcategories (2400.1.0, 2400.3.0, 2400.6.0) matched specific categories in Code: 08 (construction-related equipment), leaving the rest for 24.01 - Sonstiges.
  + I’ve used 24.01 as the "Others" category because mining-specific machinery like milling and grinding isn’t explicitly covered in Code: 08 or elsewhere.
  + If you’d prefer an "Others" under Code: 08 (e.g., 08.08), I can adjust, but 24.01 fits the miscellaneous nature of unmatched mining equipment.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 2500)!

please proceed with next.

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 2500 ("Büromaschinen" or "Office equipment"). I’ll compare this with the corresponding section in the new system from the first document, Code: 17 ("Büro- und Kommunikationstechnik" or "Office and communication technology"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 17.

Since Code: 17 doesn’t explicitly list an "Others" subcategory beyond its defined categories, I’ll assume 17.06 - Sonstige Büro- und Kommunikationstechnik ("Other office and communication technology") as an implicit catch-all for unmatched items, consistent with your previous instructions.

**Step 1: Extract Office Equipment Categories**

**Old System (Second Document, field\_id: 2500)**

The old system lists 10 subcategories under "Büromaschinen" (Office equipment):

1. 2500.1.0 - Aktenvernichter (Shredders)
2. 2500.2.0 - Drucker (Printers)
3. 2500.3.0 - Falzmaschinen (Folding machines)
4. 2500.4.0 - Kopierer (Copiers)
5. 2500.5.0 - Kuvertiermaschinen (Folders and inserters)
6. 2500.6.0 - Lichtpausmaschinen (Blueprinting machine)
7. 2500.7.0 - Möbel (Office furniture)
8. 2500.8.0 - Sonstige Maschinen (Other machinery)
9. 2500.9.0 - Tresore (Safes)
10. 2500.10.0 - Videoprojektionsgeräte (Video projectors)

**New System (First Document, Code: 17)**

The new system lists 5 subcategories under "Büro- und Kommunikationstechnik" (Office and communication technology), with sub-subcategories:

1. 17.01 - Druck- und Kopiergeräte (Printing and copying equipment)
   * 17.01.01 - Laserdrucker (Laser printers)
   * 17.01.02 - Tintenstrahldrucker (Inkjet printers)
   * 17.01.03 - Multifunktionsdrucker (Multifunction printers)
   * 17.01.04 - Kopierer (Copiers)
   * 17.01.05 - Scanner (Scanners)
2. 17.02 - Kommunikationssysteme (Communication systems)
   * 17.02.01 - Telefonanlagen (Telephone systems)
   * 17.02.02 - VoIP-Systeme (VoIP systems)
   * 17.02.03 - Faxgeräte (Fax machines)
3. 17.03 - Computerausrüstung (Computer equipment)
   * 17.03.01 - Desktops (Desktops)
   * 17.03.02 - Laptops (Laptops)
   * 17.03.03 - Server (Servers)
   * 17.03.04 - Netzwerkausrüstung (Network equipment)
4. 17.04 - Telekommunikationssysteme (Telecommunication systems)
   * 17.04.01 - Router (Routers)
   * 17.04.02 - Schalter (Switches)
   * 17.04.03 - PBX-Systeme (PBX systems)
   * 17.04.04 - Satellitenkommunikationsgeräte (Satellite communication equipment)
5. 17.05 - Büromöbel (Office furniture)
   * 17.05.01 - Schreibtische (Desks)
   * 17.05.02 - Stühle (Chairs)
   * 17.05.03 - Ablageschränke (Filing cabinets)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **2500.2.0 - Drucker** → **17.01 - Druck- und Kopiergeräte** (e.g., 17.01.01 - Laserdrucker, 17.01.02 - Tintenstrahldrucker)
* **2500.4.0 - Kopierer** → **17.01 - Druck- und Kopiergeräte** (specifically 17.01.04 - Kopierer)
* **2500.7.0 - Möbel** → **17.05 - Büromöbel** (e.g., 17.05.01 - Schreibtische, 17.05.02 - Stühle)

**Mapped to "Others" (Hypothetical 17.06)**

The following old subcategories don’t have a specific match in 17.01 to 17.05 and will be assigned to the implicit 17.06 - Other office and communication technology:

1. **2500.1.0 - Aktenvernichter** (Shredders) - No direct match.
2. **2500.3.0 - Falzmaschinen** (Folding machines) - No direct match (related to document processing, but not listed).
3. **2500.5.0 - Kuvertiermaschinen** (Folders and inserters) - No direct match (related to folding, but distinct).
4. **2500.6.0 - Lichtpausmaschinen** (Blueprinting machine) - No direct match.
5. **2500.8.0 - Sonstige Maschinen** (Other machinery) - Inherently maps to "Others."
6. **2500.9.0 - Tresore** (Safes) - No direct match (security equipment, not typical office machinery).
7. **2500.10.0 - Videoprojektionsgeräte** (Video projectors) - No direct match (presentation equipment, not listed).

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 2500 mapped to the hypothetical "Others" category (17.06):

json

Collapse

Wrap

Copy

[

{

"old\_code": "2500.1.0",

"old\_subcategory\_name": "Aktenvernichter",

"new\_code": "17.06",

"new\_category\_name": "Other office and communication technology"

},

{

"old\_code": "2500.3.0",

"old\_subcategory\_name": "Falzmaschinen",

"new\_code": "17.06",

"new\_category\_name": "Other office and communication technology"

},

{

"old\_code": "2500.5.0",

"old\_subcategory\_name": "Kuvertiermaschinen",

"new\_code": "17.06",

"new\_category\_name": "Other office and communication technology"

},

{

"old\_code": "2500.6.0",

"old\_subcategory\_name": "Lichtpausmaschinen",

"new\_code": "17.06",

"new\_category\_name": "Other office and communication technology"

},

{

"old\_code": "2500.8.0",

"old\_subcategory\_name": "Sonstige Maschinen",

"new\_code": "17.06",

"new\_category\_name": "Other office and communication technology"

},

{

"old\_code": "2500.9.0",

"old\_subcategory\_name": "Tresore",

"new\_code": "17.06",

"new\_category\_name": "Other office and communication technology"

},

{

"old\_code": "2500.10.0",

"old\_subcategory\_name": "Videoprojektionsgeräte",

"new\_code": "17.06",

"new\_category\_name": "Other office and communication technology"

}

]

**Summary**

* **Total Count**: 7 old subcategories are mapped to the hypothetical 17.06 - Other office and communication technology.
* **Notes**:
  + The new system (Code: 17) has 5 specific categories, while the old system (field\_id: 2500) has 10, leading to several unmatched items.
  + Three subcategories (2500.2.0, 2500.4.0, 2500.7.0) matched specific categories in Code: 17 (printing/copying and furniture), leaving the rest for 17.06.
  + I’ve assigned 17.06 as the "Others" category to catch all unmatched subcategories, ensuring consistency with your instruction.
  + Items like Falzmaschinen and Kuvertiermaschinen are related to document processing but lack specific matches in the new system’s focus on printing, copying, and communication.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID (e.g., 3000)!

please proceed with next id

Let’s proceed with the next ID from the old system in the second document, which is field\_id: 3000 ("Komplette Produktionslinien" or "Complete production lines"). I’ll compare this with the corresponding section in the new system from the first document, Code: 18 ("Komplette Produktionslinien" or "Complete production lines"), and identify old subcategories that either:

1. **Do not find a specific match** in the new system, or
2. **Become marked as "Others"**—mapped to an implicit "Others" subcategory under Code: 18.

Since Code: 18 includes a specific subcategory 18.10 - Andere Produktionslinien ("Other production lines"), I’ll use that as the "Others" category for unmatched items, rather than assuming a hypothetical code, aligning with the structure provided.

**Step 1: Extract Complete Production Lines Categories**

**Old System (Second Document, field\_id: 3000)**

The old system lists 2 subcategories under "Komplette Produktionslinien" (Complete production lines):

1. 3000.1.0 - Komplette Produktionslinien (Complete production lines)
2. 3000.2.0 - Komplette Produktionslinien (Complete production lines) *(Note: Appears as a duplicate in the original data)*

**Note**: The data shows 3000.1.0 - Komplette Produktionslinien (line 451) and an earlier reference to 3000.2.0 seems to be an error or duplicate. The correct list from the document includes only 3000.1.0, as the category name is repeated without additional detail. For accuracy, I’ll treat field\_id: 3000 as having one subcategory (3000.1.0) and map it accordingly.

**New System (First Document, Code: 18)**

The new system lists 10 subcategories under "Komplette Produktionslinien" (Complete production lines), with sub-subcategories:

1. 18.01 - Lebensmittel- und Getränkelinien (Food and beverage lines)
   * 18.01.01 - Molkereipflanzen (Dairy plants)
   * 18.01.02 - Brauereien und Brennereien (Breweries and distilleries)
   * 18.01.03 - Bäckerei-Linien (Bakery lines)
   * 18.01.04 - Fleischverarbeitungsbetriebe (Meat processing plants)
2. 18.02 - Pharmazeutische und chemische Linien (Pharmaceutical and chemical lines)
   * 18.02.01 - Pharma-Produktionslinien (Pharma production lines)
   * 18.02.02 - Chemiewerke (Chemical plants)
   * 18.02.03 - Düngemittelpflanzen (Fertilizer plants)
3. 18.03 - Metall- und Materialverarbeitung (Metal and material processing)
   * 18.03.01 - Stahlwerke (Steelworks)
   * 18.03.02 - Aluminiumschmelzen (Aluminum smelters)
   * 18.03.03 - Zementwerke (Cement plants)
4. 18.04 - Automobilindustrie und Luft- und Raumfahrt (Automotive and aerospace)
   * 18.04.01 - Fahrzeugmontagelinien (Vehicle assembly lines)
   * 18.04.02 - Motorenbau (Engine manufacturing)
   * 18.04.03 - Komponentenwerke für die Luft- und Raumfahrt (Aerospace component plants)
5. 18.05 - Textil und Bekleidung (Textile and apparel)
   * 18.05.01 - Spinnereien (Spinning mills)
   * 18.05.02 - Weberei und Strickerei (Weaving and knitting)
   * 18.05.03 - Bekleidungsfabriken (Apparel factories)
6. 18.06 - Elektronik und Haushaltsgeräte (Electronics and household appliances)
   * 18.06.01 - Halbleiterfabriken (Semiconductor factories)
   * 18.06.02 - Elektronik-Montagelinien (Electronics assembly lines)
7. 18.07 - Kunststoff und Gummi (Plastic and rubber)
   * 18.07.01 - Reifenherstellung (Tire manufacturing)
   * 18.07.02 - Kunststoffverpackungslinien (Plastic packaging lines)
8. 18.08 - Papier und Zellstoff (Paper and pulp)
   * (No sub-subcategories listed)
9. 18.09 - Erneuerbare Energie (Renewable energy)
   * 18.09.01 - Biomassekraftwerke (Biomass power plants)
   * 18.09.02 - Solarmodul-Fabriken (Solar module factories)
10. 18.10 - Andere Produktionslinien (Other production lines)
    * 18.10.01 - Glasfabriken (Glass factories)
    * 18.10.02 - Keramische Fabriken (Ceramic factories)

**Step 2: Compare and Identify Matches**

**Matches to Specific New Categories**

* **3000.1.0 - Komplette Produktionslinien** → No direct specific match  
  The single entry 3000.1.0 - Komplette Produktionslinien is a broad category that encompasses all types of production lines. While it aligns with the overall intent of Code: 18, it doesn’t map to a single specific subcategory like 18.01 (Food and beverage) or 18.03 (Metal processing) because it’s not industry-specific. In the new system, Code: 18 breaks production lines into specific industries (18.01 to 18.09), with 18.10 as the catch-all for other types.

**Mapped to "Others" (18.10)**

Since 3000.1.0 - Komplette Produktionslinien is a general category without specific industry detail, it best fits under the existing "Others" subcategory in the new system:

* **3000.1.0 - Komplette Produktionslinien** → **18.10 - Andere Produktionslinien**  
  This subcategory already exists to cover production lines not specified in 18.01 to 18.09, making it the appropriate mapping for a broad, unspecified "Complete production lines" entry.

**Step 3: JSON Representation**

Here’s the JSON for old subcategories from field\_id: 3000 mapped to 18.10 - Andere Produktionslinien:

json

Collapse

Wrap

Copy

[

{

"old\_code": "3000.1.0",

"old\_subcategory\_name": "Komplette Produktionslinien",

"new\_code": "18.10",

"new\_category\_name": "Other production lines"

}

]

**Summary**

* **Total Count**: 1 old subcategory is mapped to 18.10 - Andere Produktionslinien.
* **Notes**:
  + The old system (field\_id: 3000) has 1 subcategory (3000.1.0 - Komplette Produktionslinien), which is a broad, catch-all entry.
  + The new system (Code: 18) has 10 specific subcategories, with 18.10 explicitly designed for "Other production lines," making it the natural fit for 3000.1.0 since it lacks industry specificity.
  + I’ve used the existing 18.10 rather than creating a hypothetical "Others" (e.g., 18.11) because it already serves that purpose in the new system.
  + If you intended a different interpretation (e.g., splitting it across specific industries), let me know, but given the single, general entry, 18.10 is the most logical mapping.

Let me know if this aligns with your expectations or if you’d like to proceed to the next ID! The document doesn’t list further IDs after 3000 in sequence (next entries jump to 600 subcategories or earlier), so this may be the last main category unless you specify otherwise. Please confirm the next step!

How can Grok help?

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